



TELEPHONE NUMBER:
BANK 852 (two lines).

Registered as a Newspaper.

TELEGRAPHIC ADDRESS:
"CHEMICUS LONDON."

**Established in
ENGLAND, 1859.]**

Published Weekly at 42 CANNON STREET,
LONDON, E.C.

**Established in
[AUSTRALASIA, 1885]**

No. 1,554. Vol. LXXV.

NOVEMBER 6, 1909

{Subscription, 10s. per annum, including Postage.
Free the World over. Single Copies, 6d. each.
Winter and Summer Issues, 1s. each. Post Free.



In Sprinkler top
Tins
1/- & 2/-
(P.A.T.A.)

Boval (TRADE MARK.) Floor Gloss

Stocked by
the leading
Wholesale
Houses.

For preparing Ballroom Floors, &c.

Proprietors: James Woolley, Sons & Co., Ltd., Manchester.

NEW SEASON'S Taraxacum.

The weather this season
having been favourable
for the growth of the
root, we are enabled to
offer on advantageous
terms.

SAMPLES & PRICES ON APPLICATION.
WHOLE AND CUT ROOTS.

Ext. Taraxaci

prepared from the fresh
English roots.

Stafford Allen & Sons
LIMITED.

Cowper Street, LONDON, E.C. and LONG MELFORD,
SUFFOLK.

'Panopepton'

The recognised pre-
digested food and
food-stimulant for
— invalids. —

Made by

**Fairchild Bros.
and Foster,**

NEW YORK.

Agents:

BURROUGHS WELLCOME & CO.
London, Sydney, Cape Town.

Now Ready.

SQUIRE'S COMPANION.

18th EDITION.

The ANALYST says:—

To anyone concerned in the analysis
of drugs, the volume before us may
be considered as a new work, and
as regards the analytical side of the
subject, it is safe to say that there
is no single volume in the English
language dealing with drugs which
contains more information within
its covers.

Full Terms on application.

Squire & Sons,
413 Oxford St., London.



TWO GOOD SELLING WINTER LINES.

— THE NEW AND POPULAR —

AMMONIATED SYRUP *of* QUININE

A more palatable preparation than the
Ammoniated Tincture of Quinine. In
2½ oz. Panelled Flats, Lithographed Label,

3/6 PER DOZ.

COMPOUND SYRUP *of* CAMPHOR

Containing Camphor, Ipecac., Squills, Aniseed, &c.
In 2½ oz. Panelled Flats, Lithographed Label,

3/- PER DOZ.

N.B.—We give a **BONUS** of 1 dozen bottles with the **FIRST** order for
3 dozen of either of the above.

ATTRACTIVE SHOWCARDS SUPPLIED.

THE HEIGHT OF

Christmas Perfumery

FANCY BOXES OF
CELLULOID, WOOD,

SILK, SATIN, CARD,
COMPOSITION, etc.

Four Sample Assortments

AT

£1 EACH,

Carriage Paid.

ALL SALEABLE!!
ALL DIFFERENT!!

Set A.—23 boxes, retailing from
6½d. to 2/-

Set B.—13 boxes, retailing from
1/6 to 3/6

Set C.—8 boxes, retailing from
2/6 to 5/-

Set D.—5 boxes, retailing from
4/- to 7/6

A Special £2 2s. Assortment

of what we consider the BEST
VALUE in boxes retailing at
6½d., 1/-, 1/6 up to 10/6;
14 in all.

A really splendid selection.
Carriage Paid.

THE 1909 PRICE LIST

(56 pp.) with

BOOK OF ILLUSTRATIONS

(28 pp.)

FREE ON APPLICATION.

Southall Bros. & Barelay, Ltd.,

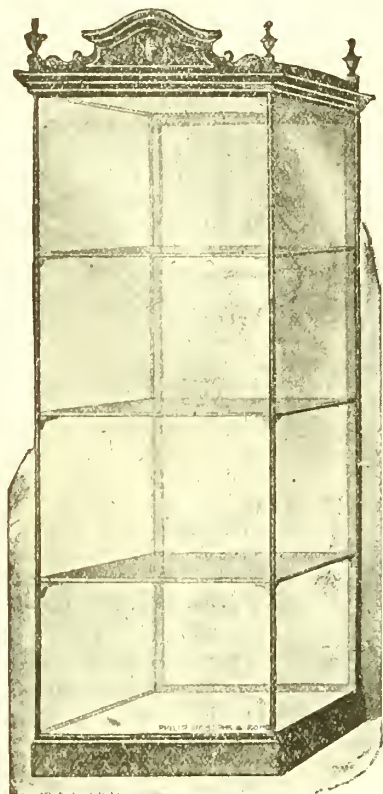
Specialists
in
Perfumery,

BIRMINGHAM.

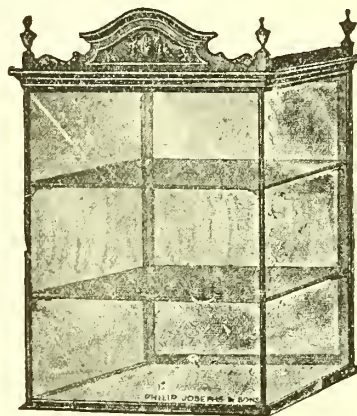
The Original Silent Salesman

Copied by Many.

Beaten by None.

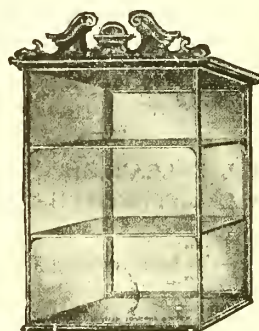


The "SILENT SALESMAN" measures 6ft. 6in. high over all by 2ft. by 2ft. Constructed of solid mahogany and plate glass. Made on the approved airtight principle, opening at back with transparent plate glass door. Interior fitted with three plate glass polished edged shelves on adjustable tapped bars and brackets. **£10 10 0.**



The "SILENT SALESMAN JUNIOR." Similarly constructed and measuring 3ft. 6in. high over all by 2ft. square and with two plate glass shelves.

£6 10 0.



The "BABY SILENT SALESMAN." Constructed of solid mahogany and plate glass. Opening at back with plate glass sash and fitted with 2 plate glass shelves. Measures 2ft. 6in. high by 1ft. 6in. long by 1ft. deep. **£3 10 0.**

PHILIP JOSEPHS & SONS, Ltd.

Tel. No. 9057 London Wall. 93 OLD STREET, LONDON, E.C.

Est. 1826.

Vibrona

The
Ideal Tonic Wine.

VIBRONA is now in universal demand and every Chemist holding a wine licence can secure a rapid and profitable turnover by keeping **VIBRONA** well to the front.

The following are our fixed Minimum Wholesale Prices and terms for

GREAT BRITAIN.

CASES containing 1 dozen, 36/- per case net, carriage *forward*.

Two CASES, each containing 1 dozen, 36/- per case net, carriage *paid*.

CASES containing 3 dozen, £5 5s. per case net, carriage paid.

FIVE CASES (15 dozen), 2½ per cent. discount and carriage paid.

TWELVE CASES (36 dozen), 5 per cent. discount and carriage paid.

VIBRONA is on the P.A.T.A. List.

The Minimum Retail Price is 3/9 per bottle.

It will be seen that the profit on a single case of 3-doz. **VIBRONA** is **£1 10s.**, and if advantage be taken of our maximum discount of 5 per cent. for twelve cases, the profit realised on the sale amounts to **over £21**. Some Chemists get through the latter quantity several times during the year, and there are few who cannot sell one case per month.

Terms for Export, with Special c.i.f. Rates to any Port in the world, may be obtained on application to the Sole Proprietors, **FLETCHER. FLETCHER & CO. Ltd.**, Holloway, LONDON, N.

LARGE SALES

Do not always mean large profits for the Chemist. The retailing of some goods is little better than giving change for a half-crown—no use whatever in helping the retailer to meet those standing charges, wages, rent, &c., that have to be met, before his own profit can be reckoned.

ONE STICK of "SOLACE" - (Antiseptic Solidified Shaving Cream)

ONE TABLET of "HYGESO" - (The Gold Medal Tooth Soap)

ONE TABLET of "ASEPSO" - (The Gold Medal Antiseptic Soap)

ONE BOTTLE of "COFECTANT" (The Disinfectant of high & regular guaranteed co-efficiency)

sold daily will give the handsome yearly profit of . .

£20.

The possibilities of making a striking addition to an ordinary income by the sale of these and other specialities, such as "Throne," "Rivera," "Rivera Violets," "Violet Scented Oatmeal," &c., all of which yield a good profit, can readily be seen.

**All the above Soaps and Disinfectants are Protected and listed on the
P.A.T.A.**

Send for Price Lists to the Sole Proprietors and Manufacturers :

EDWARD COOK & CO., Ltd. (The Soap & Disinfectant Specialists —)
BOW, LONDON, E.

INDEX TO ADVERTISEMENTS IN THIS ISSUE.

HEAD OFFICE: 42 Cannon Street, London, E.C. Telegraphic Address: "CHEMIST LONDON." Telephone No. 852, Bank.
BRANCH OFFICES: MELBOURNE, SYDNEY, AND ADELAIDE, AUSTRALIA.

Page	Page	Page	Page
Allen, Stafford & Sons, Ltd. <i>Cover</i>	Conoid Co., The 40	International Distributing Co., Ltd. 27	Robinson & Sons, Ltd. 44
Alliance Drug & Chemical Co. 41	Cook, E., & Co., Ltd. 6	Isaacs, I., & Co. 45	Robinson, B., & Co., Ltd. 54
Anglo-American Drug Co., Ltd. 39	Cooper & Co. 47	Josephs, Philip, & Sons, Ltd. 4	Rowland, A., & Sons 25
Asche, C. F., & Co. 42	Cox, A. H., & Co., Ltd. <i>Cover</i>	Judson, D., & Son 22	Sangers' 56
Ashton & Farsons, Ltd. 59	Darton, F., & Co. 19	Kay Bros., Ltd. 40	Sanitas Co., Ltd. <i>Text</i> 712
Auto-Strop Safety Razor Co., Ltd. 50	Da Silva & Co. 47	Kent, G. B., & Sons, Ltd. 23	Schutze, F., & Co. 46
Ayrton, Graham, Ltd. 51	Day & Sons (Crews), Ltd. 42 & 58	Kingsley Hotel 49	Shaw, Henry & Co. 22
Bailey, W. H., & Son 45	Degen, F. A. 48	Lambert Pharmaceutical Co. 32	Singleton & Cole, Ltd. 47
Barker, F. H. 47	Denoual, J., & Co. 22	Leslies, Ltd. 46	Smith, T. & H., Ltd. 38
Barnett & Co. 23	Erasmio Co., Ltd. 20	Levermore, A., & Co. 46	Solazzi 53
Barnett & Foster 52	Esfon 29	Lumley, L., & Co., Ltd. 25	Southall Bros. & Barclay, Ltd. 3
Bath and West of England College of Pharmacy 48	Estes, E. B., & Sons 57	Liverpool School of Pharmacy 48	South London School of Pharmacy 48
Beatson & Co. 51	Eueryl, Ltd. 26	Lloyd, T. Howard & Co. <i>Cover</i>	Squire & Sons <i>Cover</i>
Beecham, T. 40	Evans Sons Lescher & Webb, Ltd. 15 & 31 & <i>Cover</i>	Lofthouse & Saltmer 18	Stern-Sonneborn Oil Co. Ltd. 30
Berdoe & Fish <i>Col. Supp.</i>	Express Developing Co. 51	London College of Chemistry 48	Stevens, P. A. 46
Bewley & Draper, Ltd. <i>Cover</i>	Fairchild Bros. & Foster <i>Cover</i>	McKesson & Robbins 24	Stipendium Stopper Co. 19
Bidwell, Bidwell & Co. 23	Farmer, F., & Co. 47	Maw, S., Son & Sons 12 & 13	Taylor & Co. 47
Bishop, A., Ltd. 35	Fentiman, A. G. 46	Mawson & Co. 46	Tidman & Son, Ltd. 29
Boehringer, C. F., & Soehne ... 39	Fentiman, A. J., & Co. 47	Millar, A., & Co., Ltd. 52	To-Kalon Mfg. Co., Ltd. 27
Boehringer, C. H. Sohn 38	Fink, F., & Co. 46	Morison, G. H., & Co., Ltd. ... 21	Toogood, Wm., Ltd. 50
Bond's Marking Ink 25	Fletcher, Fletcher & Co., Ltd. 5 & <i>Text</i> 712	Mumford, G. S. <i>Text</i> 712	Tye, J., & Son 46
Bonteheff & Kidoff 23	Forshaw, E., & Son, Ltd. 47	Mysantal Co., The 22	United Chemists' Association, Ltd. 32
Brady & Martin, Ltd. 44	Frame Food Co., Ltd. 16	National Cash Register Co., Ltd. 14	Vaporite-Strawson Co., Ltd. ... 28
Brett & Co. <i>Col. Supp.</i>	Freeman's Chlorodyne 42	Nicholls, W. G., & Co. 46	Vichy Water 52
Bristol-Myers Co. 29	Fulham Pottery & Cheavin, Filter Co., Ltd. 45	Nitsche & Gunther 17	Viscose Development Co. 16
British Dia Malt Co. 28	Glasgow School of Pharmacy 18	North of England School 48	Voss & Co. 42
British Drug Houses, Ltd. 34	Gordon, Murray & Co., Ltd. ... 39	Norwich Crepe Co., 1856, Ltd. 19	Wander, Dr. 53
British Optical Institute 18	Grapelax, Ltd. 46	O'Brien, T. 54	Wardale & Co. 47
Brönley & Co., Ltd. 20	Grimble & Co., Ltd. <i>Text</i> 712	Oldfield, Pattinson & Co. 11	Warwick Bros. <i>Text</i> 712
Brown & Blackburn 47	Halder, E. C. 46	O'Neil, Zetts & Co. 26	Washington Chemical Co., Ltd. <i>Cover</i>
Burge, Warren & Ridgley, Ltd. 45	Halifax Photo. Co. 49	Oudem Corn Remedy Co. 44	Watkins & Doncaster 46
Burrough, J., Ltd. <i>Text</i> 712	Harrison & Waide 49	Paine & Co., Ltd. 36	Westminster College of Pharmacy 48
Burroughs Wellcome & Co. ... 33	Hepworth, W. 54	Parke, Davis & Co. 29	Whitaker & Co. 26
Buvo, Ltd. 16	Hewlett, C. J., & Son, Ltd. ... 38	Parnall & Sons, Ltd. 51	Wilkinson, S. W., & Co. 55
Cadbury Bros. <i>Cover</i>	Hollingshurst & Co. 46	Perken, Son & Co., Ltd. 49	Wilson Vet. Medicine Mfy. Co. 47
Callard & Co., Ltd. 46	Horner & Sons 53	Pierres, Dr., Eau Dentifrice 20	Woolley, J., Sons & Co., Ltd. ... <i>Cover</i>
Chameleon Oil Co., Ltd. 28	Howards & Sons, Ltd. 37	Premier Oil Extracting Mills, Ltd. 36	Wright, J., & Co. 30
Chemists' Co-operative Wholesale 43	Hughes, E. Griffiths 46	Preston's Liverpool Distillery Co., Ltd. 27	Young's Absorbine 19
Christy, T., & Co. 47	Huntley, Boorne & Stevens, Ltd. 54	Price's Patent Candle Co., Ltd. 24	Zahradnik, J. 47
Clark, S., & Co. 50	Hymans, H., & Co. 38	Reitmeyer & Co. 36	Zeal, G. H. 16
Coleman & Co., Ltd. 53	International Chem. Co. 46	Rendell, W. J. 44	Zotos, Ltd. 32
Congdon & Son 51			

THE BUYERS' GUIDE.

In this section, under appropriate headings, are given the names of firms advertising in this or other issues of the month. No charge is made to advertisers for the insertion of their names, but only those who have contracts current for advertising in this journal are mentioned. The headings refer generally to the classes of goods actually advertised, but this is not a detailed Guide such as appears in "The Chemists' and Druggists' Diary." Inquiries addressed to the "Information Department," THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C., regarding articles not appearing in these pages receive prompt attention, as shown weekly in the editorial pages.

ACETIC ACID

Boehm, Fredk., Ltd.
Crown Chemical Works, Ltd.

ADVERTISING IDEAS

Allison, J. R. B.
Degen, F. A.
Pitman, Sir I., & Sons, Ltd.
Plastic Advertisement Co.
Slack, Bernard
Smith, W. H., & Son

AER-WATER MACHINERY

Barnett & Foster
British Automatic Aerators, Ltd.
(See also BODA FOUNTAINS)

AER-WATER MATERIALS

Brunner, Mond & Co.
Bush, W. J., & Co., Ltd.
Hay, William, Ltd.
Stevenson & Howell, Ltd.
Sthamer, Dr. Richard
(See also ESSENCES, SOL.)

AERATED WATERS

Canwal, Ltd.
Idrie & Co., Ltd.
Jewsbury & Brown

AGENCIES, COLONIAL, & C.

Faulding, F. H., & Co.
Lennon, Ltd.
Peake, Allen & Co.
Sankyn & Co.

AIR CUSHIONS

Hutchinson Co.

ALKALOIDS

Boehringer, C. F., & Soehne
Boehringer, C. H., Sohn
Hoffmann-La Roche, Ltd.
Howards & Sons, Ltd.
Macfarlan, J. F., & Co.
Merck, E.
Morson, T., & Son
Smith, T. & H., Ltd.
Zimmermann, C., & Co.

ALMANACKS

Townsend, J., & Sons

AMMONIA AND SALTS

Brown & Blackburn
Nichols Chemical Co., Ltd.
Scrubb & Co., Ltd.
White, A., & Sons

ANÆSTHETICS

Duncan, Flockhart & Co.
Macfarlan, J. F., & Co.
Smith, T. & H., Ltd.
Zimmermann, C., & Co.
(See also CHLOROFORM)

ANNATTO

Fullwood, R. J., & Bland
Tomlinson & Hayward, Ltd.

ANTIMONY AND ITS SALTS

May & Baker, Ltd.
White, A., & Sons

ANTI-OPIMUM CURE

Gerhardt, C. F.

ANTI-RHEUMATIC RINGS

Burge, Warren & Ridgley, Ltd.

ARTIFICIAL LIMBS

Haywood, J. H., Ltd.

BALANCES

Parnall & Sons, Ltd.
Maw, S., Son & Sons
Southall Bros. & Barclay, Ltd.

BALLROOM-FLOOR POLISH

Lofthouse & Saltmer
Woolley, Jas., Sons & Co., Ltd.

BATH GLOVES

Hovenden, R., & Sons, Ltd.
Schutze, F., & Co.
Solport Bros.

BATHING CAPS

Bush, H. W., & Co., Ltd.
Maw, S., Son & Sons
Schutze, F., & Co.

BINOCULARS

Darton, F., & Co.
Raphaels, Ltd.

BISMUTH SALTS

Howards & Sons, Ltd.
May & Baker, Ltd.
Morson, T., & Son
Reitmeyer & Co.
Tyrer, T., & Co., Ltd.
White, A., & Sons

BOOKS AND MAGAZINES

Churchill, J. & A.
Hford "Photo Manual"
Lewis, H. K.
Martindale's "Extra Phar."
"Prescriber, The"
Pitman, Sir I., & Sons, Ltd.
Spatula Publishing Co.
Squire's "Companion"

BODY BELTS.

Haywood, J. H., Ltd.
Kokke, W. A.

BOTANIC DRUGGISTS

Newball & Mason
Potter & Clarke, Ltd.

BOTTLES

Barnett & Foster
Boling, Brown & Co.
Brett, E., & Co., Ltd.
Bush, H. W., & Co., Ltd.
Chemist's Co-operative Wholesale
Fecher, M. J.
Holzmüller & Schmidt
"Ideal" Bottle
Isaacs, I., & Co.
Johnsen & Jorgensen, Ltd.
Kilner Bros., Ltd.
Lang, Jules, & Son
Maw, S., Son & Sons
May, Roberts & Co.
Poths, H., & Co.
Toogood, W., Ltd.
Yonidon, E., Ltd.

BOXES

Ayrton, Saunders & Co., Ltd.
Bremitt, E., & Co., Ltd.
Estes, E. B., & Sons
Ford, Shapland & Co.
Harrison & Waide
May, Roberts & Co.
Robinson & Sons, Ltd.
Rogers & Co.
Stevenson, H., & Sons, Ltd.
Stipendium Stopper Co.
BREAST RELIEVERS
Maw, S., Son & Sons

BROMINE AND BROMIDES

Howards & Sons, Ltd.
Merck, E.

BRONCHITIS KETTLES

Maw, S., Son & Sons

BRUSHES

Bidwell, Bidwell & Co.
Hovenden, R., & Sons, Ltd.
International Distributing Co., Ltd.

Kent, G. B., & Sons, Ltd.

Maw, S., Son & Sons

May, Roberts & Co.

Mysantal Co.

Nicholls, W. G., & Co.

BUTTER COLOURING

Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.
Tomlinson & Hayward, Ltd.

CACHETS

Christy, T., & Co.

CAMOMILES

Boehm, F., Ltd.

Carmichael, F. J., & Co.

CAMPBOR

Alliance Drug & Chemical Co.
Chemist's Co-operative Wholesale
Howards & Sons, Ltd.
May & Baker, Ltd.

CAPPING MATERIALS

Viscose Co., Ltd.

CAPS FOR BOTTLES, &c.

Darter, Wilkinson & Co.
Fecher, M. J.

Viscose Co., Ltd. (self-fixing)

CAPSULES

Allen & Hanbury, Ltd.

American Animal Therapy Co., Ltd.

Baies Bros. & Stevenson, Ltd.

British Drug Houses, Ltd.

Oanline Supply Co.

Davies, Sons & Co.

Denonah, J., & Co.

Duncan, Flockhart & Co.

Evans Sons Lescher & Webb, Ltd.

Lloyd, T. Howard, & Co.

Mawson & Co.

Parke, Davis & Co.

Tye, J., & Son

Wand Mfg. Co.

Wander, A.

Warrick Bros.

Woolley, J., Sons & Co.

CAPSULING MACHINE

Melin, C., & Co.

CARBOLIC ACID

Burt, Bonilton & Haywood, Ltd.

Calvert, F. C., & Co.

Chemist's Co-operative Wholesale

Hoffmann-La Roche, Ltd.

Hollingshurst & Co.

(See also DISINFECTANTS)

CARBOYS

Brefft, E., & Co., Ltd.

Toogood, Wm., Ltd.

CARTONS

Ford, Shapland & Co.

Harrison & Waide

CASH TILLS

National Cash Register Co., Ltd.

O'Brien, T.

CASTOR OIL

Boehm, F., Ltd.

Carmichael, F. J., & Co.

Hull Oil Mfg. Co., Ltd.

Premier Oil Extract. Mills, Ltd.

CAUSTIC SODA

Brunner, Mond & Co., Ltd.

CEMENTS

Kay Bros., Ltd.

CHALK, PRECIPITATED

Levermore, A., & Co.

Mumford, G. S., & Sons

Nichols Chemical Co., Ltd.

Sturge, John & E.

CITRIC ACID AND CITRATES

British Drug Houses, Ltd.

Howards & Sons, Ltd.

Morson, T., & Son

Sturge, John & E.

CHAMOIS

Internat. Sponge Importers

Kent, G. B., & Sons, Ltd.

Solport Bros.

CHEMICAL MFRS.

Boehringer, C. F., & Soehne

Bramwell, E., & Son

British Drug Houses, Ltd.

Brunner, Mond & Co., Ltd.

Burroughs Wellcome & Co.

Hoffmann-La Roche, Ltd.

Howards & Sons, Ltd.

Macfarlan, J. F., & Co.

May & Baker, Ltd.

Merck, E.

Morson, T., & Son

CHEMICAL MFRS. (continue d) - C

Reitmeyer & Co.

Schimmel & Co.

Smith, T. & H., Ltd.

Sthamer, Dr. Richard

Sturge, John & E.

Tyrer, T., & Co., Ltd.

Washington Chemical Co.

White, A., & Sons

CHEMISTS, MFG.

Allen, Stafford, & Sons, Ltd.

Anglo-American Pharm. Co., Ltd.

Ayrton, Saunders & Co.

Beetham, M., & Son

Bell, John, Hills & Lucas, Ltd.

Blackie, R.

Brady & Martin, Ltd.

British Drug Houses, Ltd.

Burroughs Wellcome & Co.

Bush, W. J., & Co., Ltd.

Davenport, J. T., Ltd.

Duncan, Flockhart & Co.

Evans Sons Lescher & Webb, Ltd.

Fletcher, Fletcher & Co.

Geiger & Brann

Hay, William, Ltd.

Hewlett, C. J., & Son

Lloyd, T. Howard, & Co.

Lorimer & Co., Ltd.

Martindale, W.

Newball & Mason

Newbery, F., & Sons, Ltd.

Oldfield, Pattinson & Co.

Oppenheimer, Son & Co.

Parke, Davis & Co.

Potter & Clarke

Randall & Son, Ltd.

Ransom, W., & Son

Sankyo & Co.

Shirley Bros., Ltd.

Southall Bros. & Barclay, Ltd.

Squire & Sons

Standard Tablet & Pill Co.

Stevenson & Howell, Ltd.

Thompson & Capper

Tidman & Sons, Ltd.

Tolkien, C., & Co.

United Chemists' Association

Wand Mfg. Co.

Woolleys, Ltd.

(See also WHOLESALERS)

CHEST PROTECTORS

May, Roberts & Co.

CHLORIDE OF LIME

Brunner, Mond & Co., Ltd.

CHLOROFORM

Duncan, Flockhart & Co.

Macfarlan, J. F., & Co.

May & Baker, Ltd.

Morson, T., & Son

Smith, T. & H., Ltd.

CIGARS AND CIGARETTES

Hovenden, R., & Sons, Ltd.

Singleton & Cole, Ltd.

CLINICAL THERMOMETERS

Burge, Warren & Ridgley, Ltd.

Bush, H. W., & Co., Ltd.

Hicks, J. J.

Maw, S., Son & Sons

Newbery, F., & Sons, Ltd.

Perken, Son, & Co., Ltd.

Zeal, G. H.

CLOTH BALLS

O'Neil Zetts & Co.

COAL TAR SPECIALITIES

Wright, Layman & Umney, Ltd.

COCOA

Cadbury Bros., Ltd.

Frame Food Co.

Plasmon, Ltd.

COLD CREAM.

Barnett & Co.

COLOURS, BEVERAGE, &c.

Boake (A.), Roberts & Co., Ltd.

Stevenson & Howell, Ltd.

(See also DAIRY ADJUNCTS)

COMBS

Hovenden, R., & Sons, Ltd.

Kent, G. B., & Sons, Ltd.

Maw, S., Son & Sons

May, Roberts & Co.

COD-LIVER OIL

Albrethson, A., & Co.

Allen & Hanbury, Ltd.

Alliance Drug & Chem. Co.

Baies Bros. & Stevenson, Ltd.

British Drug Houses, Ltd.

Devold, Peder

Evans Sons Lescher & Webb, Ltd.

Goodall, Backhouse & Co.

Oldfield, Pattinson & Co.

Southall Bros. & Barclay, Ltd.

Woolley, Jas. & Sons, Co., Ltd.

Wright, Layman & Umney, Ltd.

Zimmermann, A. & M.

CORKS

Ayrton, Saunders & Co.

Mitchell, N. W., & Sons, Ltd.

C N CURE

Edwards, S.

Outem Corn Remedy Co.

CORN FILE

Lindsey, T. C., & Co., Ltd.

CORRUGATED PAPER

Eburite Paper Co.

COUNTER ADJUNCTS

Evans Sons Lescher & Webb, Ltd.

COUNTER SPECIALITIES

Allen & Hanbury, Ltd.

British Drug Houses, Ltd.

Hewlett, C. J., & Son

Newbery, F., & Sons, Ltd.

Southall Bros. & Barclay, Ltd.

Woolleys, Ltd.

CREAM OF TARTAR

British Drug Houses, Ltd.

CREOSOTE

Baies Bros. & Stevenson, Ltd.

Burt, Bonilton & Haywood

Morson, T., & Son

CREPE BANDAGE

Gimber, W., & Son

Norwich Crepe Co. (1856), Ltd.

Wood, Vincent

CYANIDES

May & Baker, Ltd.

DAIRY SPECIALITIES

Fullwood, R. J., & Bland

Oldfield, Pattinson & Co.

DEMIJOHNS

Brefft, E., & Co., Ltd.

DENTAL INSTRUMENTS

Hatrick, James L., & Co., Ltd.

DENTAL MECHANICS

Barker, Fred. H.

Chalk, George, & Co.

Fentiman, A. G.

Fentiman, A. J., & Co.

Halder, E. C.

Last & White

Taylor & Co.

Wardale & Co.

DENTIFRICES

Beecham, T.

Beiersdorf, P., & Co.

Bell, John, Hills & Lucas, Ltd.

Blackie, R.

Burroughs Wellcome & Co.

Calvert, F. C., & Co.

Christy, T., & Co.

Cook, E., & Co., Ltd.

Euory, Ltd.

Hall & Ruckel

Jewsbury & Brown

Lambert Pharmacal Co.

McKesson & Robbins

Maw, S., Son & Sons

Newbery, F., & Sons, Ltd.

Odol Chemical Works

Pierre, Dr.

Rowland, A., & Sons

Standard Tablet & Pill Co.

Woods, W., & Son

Woolley, J., Sons & Co., Ltd.

DEXTRINE

Fink, F., & Co.

DIGESTIVE PRODUCTS

Armour & Co., Ltd.

Benger's Food, Ltd.

Fafchid Bros. & Foster

Parke, Davis & Co.

EMULSIONS, COD - LIVER OIL, ETC.

Allen & Hanburys, Ltd.
Ayrton, Saunders & Co., Ltd.
Bailes Bros. & Stevenson, Ltd.
Blackie, Robert
British Drug Houses, Ltd.
Faulding, F. H., & Co.
Harker, Stagg & Morgan, Ltd.
Lorimer & Co., Ltd.
Oldfield, Pattinson & Co.
Parke, Davis & Co.
Scott & Bowne, Ltd.
Tolkien, C., & Co.
Woolley, Jas., Sons & Co.
Woolleys, Ltd.

ENEMAS

Bailey, W. H., & Son
Burge, Warren & Ridgley
Davol Rubber Co.
Hartick, James L., & Co., Ltd.
Hay, J. B., & Co.
Ingram, J. G., & Son
Maw, S., Son & Sons
Toogood, W., Ltd.
Warne, W., & Co., Ltd.

ENTOMOLOGICAL APPARATUS

Watkins & Donoaster
EPSOM SALTS

Howards & Sons, Ltd.

ESSENCES, CONCRETE

Lautier Fils
Murray, O., & Co., Ltd.
Roure-Bertrand fils
Schmoller & Bompard

ESSENCES, SOL. AND FRUIT

Alliance Drug & Chem. Co.
Barnett & Foster
Boake (A.), Roberts & Co., Ltd.
Bosh, W. J., & Co., Ltd.
Evans Sons Lescher & Webb
Hay, Wm., Ltd.
Lautier Fils
London Essence Co.
Lorimer & Co., Ltd.
Newball & Mason
Roure-Bertrand fils
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Zimmermann, A. & M.

ETHERS

Bailes Bros. & Stevenson, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons
EUCALYPTUS OIL
Bailes Bros. & Stevenson, Ltd.
British Drug Houses, Ltd.
Hymans, H., & Co.

EXTRACT OF HERBS

Newball & Mason
Potter & Clarke

EXTRACTS (MEDICINAL)

Allen, Stafford, & Sons, Ltd.
Chemist's Co-operative Wholesale
Gathergood's Exor.
Hewlett, C. J., & Son
Parke, Davis & Co.
Ransom, W., & Son
(See also WHOLESALE DRUGGISTS)

FEEDING BOTTLES

Brefitt, E., & Co., Ltd.
Hovenden, R., & Sons, Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Sangers
Southall Bros. & Barclay, Ltd.

FILTERS (WATER)

Berkefeld Filter Co., Ltd.

FLESH GLOVES

Sangers

FLYCATCHERS

Alabastine Co. (British), Ltd.
Deansmere Manfg. Co.
Flykatcho
Ford, Shapland & Co.
Frowein, C.
Kay Bros., Ltd.
Smith, J. H., & Co.
Strong, Christy
Wanbridge & Wright

FOODS, INFANTS'

Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Frame Food Co., Ltd.
Lofthouse & Saltmer
Natural Food Co., Ltd.
Willows, Francis, B. & T.

FOODS, SPECIAL

Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
Burt, O. J.
Buvo, Ltd.
Callard & Co.
Fairchild Bros. & Foster

FOODS, SPECIAL (continued)

Frame Food Co., Ltd.
Hepworth, Walter
Keen, Robinson & Co., Ltd.
Menley & James, Ltd.
Natural Food Co., Ltd.
Virol, Ltd.
Wander, A.

FORMALDEHYDE

Burt, Boulton & Haywood

FRUIT CRYSTALS

Aerators, Ltd.

FRUIT SYRUPS

Idris & Co., Ltd.

FULLER'S EARTH

Mumford, G. S., & Sons

FUMIGATORS

Sanitas Co., Ltd.

GELATIN AND GLUE

Boehm, F., Ltd.

GLASSWARE, CHEMICAL

Zahradnik, Jos.

GLAUBER'S SALT

Bramwell, E., & Son
Howards & Sons, Ltd.

GLYCERIN

Boehm, F., Ltd.
Price's Patent Candle Co.

GLYCERIN PLANT

Forshaw, E., & Son, Ltd.

GLYCEROPHOSPHATES

Pointet & Girard

GOLD PAINT

Judson, D., & Son

GRINDERS

Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Willows, Francis B. & T.

GUMS

Fink, F., & Co.

HAIR WAXES AND CURLERS

Merkham Trading Co., Ltd.

HAIR PREPARATIONS

Capsuloids (1909), Ltd.
Chesebrough Manfg. Co.
Edwards' "Harlene" Co.
Harker, Stagg & Morgan
Herpicide Co.
John Strange Winter
Oatline Co.
Robare's Aureoline
Rowland, A., & Sons
To-Kalon Mnf. Co., Ltd.
Woolleys, Ltd.

HAT DYES

Whitaker & Co.

HAT RENOVATORS

Christy, T., & Co.

HEATING APPARATUS

Clark, S., & Co.
Gutmann, A. E., & Co.
Wright, John, & Co.

HERBS

Carmichael, F. J., & Co.
Potter & Clarke

HOMOEOPATHIC MEDICINES

Ashton & Parsons, Ltd.
Epps, James, & Co.
Keene & Ashwell, Ltd.
Leath & Ross

HOTELS

Esmond Hotel
Kingsley Hotel
Thackeray Hotel

HOT-WATER BOTTLES

Berliner, Arthur
Burge, Warren & Ridgley
Dunlop Rubber Co., Ltd.
Fulham Pottery & Cheavin
Filter Co., Ltd.
Galen Mnf. Co., Ltd.
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Southall Bros. & Barclay
Tompkins, James, Ltd.
Wood, Vincent

HYDROGEN PEROXIDE

May & Baker, Ltd.
Sanitas Co., Ltd.
Tyrer, T., & Co., Ltd.

HYPOPHOSPHITES

May & Baker, Ltd.
Tyrer, T., & Co., Ltd.

INHALERS

Christy, T., & Co.
Sangers

INK

Bewley & Draper, Ltd.
Hickisson, A. B.

INSECTICIDES

Christy, Thos., & Co.
Smith, B. A., & Co.
Tomlinson & Hayward, Ltd.
Vaporite-Strawson Co., Ltd.
Voss, Walter, & Co.
Woolleys, Ltd.

INSECT POWDER

Boehm, F., Ltd.
Smith, B. A., & Co.

IODINE AND IODIDES

Howards & Sons, Ltd.
Morson, T., & Son

ITROSYL

Fletcher, Fletcher & Co.

JARS AND POTS

Boling, Brown & Co.
Brefitt, E., & Co., Ltd.
Bush, H. W., & Co., Ltd.
Christy, T., & Co., Ltd.
Cook, A., & Co.
Johnsen & Jorgensen, Ltd.
Kilner Bros., Ltd.
Lang, Jules, & Son
Maw, S., Son & Sons
Poths, H., & Co.
Reuter, R. J.
Stipendium Stopper Co.
Toogood, W., Ltd.

LACTIC FERMENTS

Allen & Hanburys, Ltd.
Cox, Arthur H., & Co., Ltd.
Davies, Sons & Co.
Martindale, W.
Parke, Davis & Co.
Wilcox, Jozeau & Co.

LANOLINE

Burroughs Wellcome & Co.
Christy, T., & Co.

LARD

Chemist's Co-operative Wholesale
Ewen, J., & Sons

LIME JUICE AND CORDIAL

Evans Sons Lescher & Webb
Goodall, Backhouse & Co.
Idris & Co., Ltd.

LINSEED, CRUSHED, ETC.

Allen, Stafford, & Sons
Mumford, G. S., & Sons

LINTS

Liverpool Lint Co.
Robinson & Sons, Ltd.
Vernon & Co., Ltd.

LIQUORICE JUICE

Boehm, F., Ltd.
British Drug Houses, Ltd.
Carmichael, F. J., & Co.
Evans, Gray & Hood
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jackson, E. E.
Mumford, G. S., & Sons

LIQUORS, CONC., ETC.

Allen, Stafford, & Sons, Ltd.
Fletcher, Fletcher & Co.
Hewlett, C. J., & Son
Robinson, B., & Co.

LITHIA SALTS

British Drug Houses, Ltd.
May & Baker, Ltd.
Merck, B.

LOOFAHS

International Sponge Importers

LOZENGES

Cox, A. H., & Co., Ltd.
Denonal, J., & Co.
Jackson, E. E.
Meggeson & Co., Ltd.
Potter & Clarke
Raines & Co.
Warriack Bros.

MACHINERY, PHARMACAL

Allen & Hanburys, Ltd.
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Ltd.
Fecher, M. J.
Forshaw, E., & Son, Ltd.
Gardner, Wm., & Sons, Ltd.
Pindar, J. W., & Co.
Smith, B. A., & Co.
Stokes, F. J., Machine Co.
Thompson & Cnpper (Stokes)
Wilkinson, S. W., & Co.

MAGNESIA AND ITS SALTS

Henry, T. & W.
Howards & Sons, Ltd.
May & Baker, Ltd.
Washington Chemical Co.

MENTHOL CONES

Bush, H. W., & Co., Ltd.
Maw, S., Son & Sons

MAILING CASES

Estes, E. B., & Sons

MARKING INK

Hickisson, A. (Bond's)

MEAT EXTRACTS

Armour & Co., Ltd.
Bovril, Ltd.
Brand & Co., Ltd.
Buvo, Ltd.

MALT EXTRACT AND PREPS

Allen & Hanburys, Ltd.
Blackie, R.
British DiaMalt Co.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb
Hewlett, O. J., & Son
Lorimer & Co., Ltd.
Montgomerie & Co., Ltd.
Oppenheimer, Son & Co., Ltd.
Paine & Co., Ltd.
Southall Bros. & Barclay, Ltd.
Tolkien, C., & Co.
Woolley, Jas., Sons & Co., Ltd.
Wright, Layman & Umney

MEASURES

Bush, H. W., & Co., Ltd.

MEDICINE CHESTS

Burroughs Wellcome & Co.
Keene & Ashwell, Ltd.
Leath & Ross
Lloyd, T. Howard, & Co.
Parke, Davis & Co.

MERCURIALS

Howards & Sons, Ltd.
May & Baker, Ltd.
Merck, B.
Tyrer, T., & Co., Ltd.

METEOROLOGICAL SETS

Darton, F., & Co.

METHYLATED SPIRIT

Burrough, J., Ltd.
Preston's Liverpool Distillery
Randall & Son, Ltd.

MILK APPARATUS

Zimmermann, C., & Co.

MILK SUGAR

Zimmermann, C., & Co.

MINERAL WATERS AND SALTS

Apollinaris Co., Ltd.
British Drug Houses, Ltd.
Hughes, K. Griffiths
Ingram & Royle, Ltd.
"Roela" Natural Tonic Co.
Vichy (State Springs)

MOTOR GOGGLES

Darton, F., & Co.

MUSTARD

Keen, Robinson & Co., Ltd.

NAPHTHAS

Burt, Boulton & Haywood

NURSES' WALLETS

Hartick, James L., & Co., Ltd.

OILS, ESSENTIAL

Allen, Stafford, & Sons, Ltd.
Alliance Drug & Chem. Co.
Boake (A.), Roberts & Co., Ltd.
Boutin, G. L.
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jakson, J., & Co.
Lautier Fils
Lhermine & Cie.
London Essence Co.
Matthew, Jesse
Mühlethaler, Th., Ltd.
Pasquale, S. F. de, & Fratehl
Poppelreuter, W.
Ransom, W., & Son
Roure-Bertrand fils
Scheller, Emil, & Co.
Sohmmel & Co.
Schmoller & Bompard
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Todd, A. M., & Co.
Wright, Layman & Umney
Zimmermann, A. & M.

OILS, FATTY, ETC.

Allen, Stafford, & Sons, Ltd.
Price's Patent Candle Co.
Schliemann's Oil and Ceresine
Co., Ltd.
Smith, B. A., & Co.

OILS, MINERAL

Carmichael, F. J., & Co.
Price's Patent Candle Co.

ointments

Blackie, R.
Chemist's Co-operative Wholesale
Oldfield, Pattinson & Co.

OPTICAL GOODS

Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Nitsche & Günther
Raphael's, Ltd.

OTTO OF ROSE

Bontcheff & Kidoff
Pappazoglou, D.
Reitmeyer & Co. (synthetic)
Scheller, Emil & Co.
Seraphimoff, S., & Co.
Shipkoff & Co.

OPTICAL INSTRUCTION

British Optical Institute

ORANGE WINE

Melrose-Drover Co., Ltd.

PACKED GOODS

(See WHOLESALE)

PALATINOLIDS

Oppenheimer, Son & Co.

PASTILLES

Allen & Hanburys, Ltd.
Asche, O. F., & Co.
Burrongs Wellcome & Co.
Denoual, J., & Co.
Epps, James & Co.
Evans Sons Lescher & Webb
Meggeson & Co., Ltd.
Warrick Bros.

PATENT AGENT

Barker, R. W.

PERFUMES

Allen & Hanburys, Ltd.
Barelay & Sons, Ltd.
Breidenbach & Co.
Bronnley, H., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Christy, T., & Co.
Chuit, Naef & Co.
Erasmic Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Hewlett, C. J., & Son
Hovenden, R., & Sons, Ltd.
Lescol Perfumery Co.
McCracken, J. & R.
Maw, S., Son & Sons
Morison, G. H., & Co., Ltd.
Newbery, F., & Sons, Ltd.
Oatline Co.
Original Antiseptic Pastille Co.
Quelch, H. O., & Co.
Sonthall Bros. & Barclay
Spencer, J., Son & Co.
To-Kalon Mfg. Co., Ltd.
Warrick Bros.
West, T., & Son
Yardley & Co., Ltd.

PERFUME MATERIALS

Bontcheff & Kidoff
Bush, W. J., & Co., Ltd.
Chris, Antoine
Compagnie Morana
Lantier Fils
Mühlethaler, Th., Ltd.
Murray, O., & Co., Ltd.
Scheller Emil & Co.
Schimmel & Co.
Shipkoff & Co.
Spencer, J., Son & Co.
Zimmermann, C., & Co.

PESSARIES

Burge, Warren & Ridgley
Rendell, W. J.

PETROLEUM EMULSION

British Drug Houses, Ltd.

PETROLEUM JELLY

Carmichael, F. J., & Co.
Chesebrough Mfg. Co.
Schliemann's Oil and Ceresine
Co., Ltd.

PHOTO. CHEMICALS

Boehringer, O. F., & Soehne
Barrroughs Wellcome & Co.
Merck, E.

PHOTO. ENLARGERS,

PRINTERS, &c.

Express Developing Co.
Halifax Photographic Co.

PHOTO. GOODS

Barelay & Sons, Ltd.
Darton, F., & Co.
Evans Sons Lescher & Webb
Halifax Photographic Co.
Ilford, Ltd.
Lennon, Ltd.
May, Roberts & Co.
Newbery, F., & Sons, Ltd.

PILL MAKERS

Allen & Hanburys, Ltd.
Asche, O. F., & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd.
Davies Sons & Co.
Evans Sons Lescher & Webb, Ltd.
Hewlett, C. J., & Son
Howards & Sons, Ltd.
Lloyd, T. Howard, & Co.
McKesson & Robbins
Parke, Davis & Co.
Standard Tablet & Pill Co.
Wand Mfg. Co.
Woolley, J., Sons & Co., Ltd.

PLASTIC MODELS

Plastic Advertisement Co.

POLISHES (VARIOUS)

Bradley & Bourdas
Judson, Daniel, & Son
Oakley, J., & Son, Ltd

PLASTERS

Allcock Mfg. Co.
Berliner, Arthur
Beiersdorf, P., & Co.
Dalmas, A. de St., & Co.
Leslies, Ltd.
Maw, S., Son & Sons
Solport Bros.

POSTERS

Ford, Shapland & Co.

PRINTERS

Avery, W. R. F.
Dudley & Co.
Ford, Shapland & Co.
Harrison & Waide
Parkes, John, & Co.
Smith, W. H., & Son
Townsend, J., & Sons

PROPRIETARY ARTICLES

American Drug Stores
Anglo-American Drug Co.
Anglo-American Pharm. Co., Ltd
Ashton & Parsons, Ltd.
Atkinson & Barker
Barclay & Sons, Ltd.
Battie, Son & Malthy
Beecham, T.
Beiersdorf, P., & Co.
Box, W. H.
British Drug Houses, Ltd.
Burgess, E.
Capsuloids (1909), Ltd
Chameleon Oil Co., Ltd.
Christy, T., & Co.
Coleman & Co., Ltd.
Congreve, G. T.
Conoid Co.
Cox, A. H., & Co., Ltd.
Curry, Henry
Daggett & Ramsdell
Daisy, Ltd.
Danysz Virus, Ltd.
Da Silva & Co.
Davenport, J. T., Ltd.
Day & Sons (Crews), Ltd.
Denoual, J., & Co.
Edwards, W., & Son
Evans Sons Lescher & Webb
Faulding, F. H., & Co.
Fellows' Syrup
Fennings, Alfred
Ferris & Co.
Fullford, O. E., Ltd.
Goodall, Backhouse & Co
Gordon, Murray & Co., Ltd.
Grapelax, Ltd.
Guy's Tonic Co.
Henry, T. & W.
Hovenden, R., & Sons, Ltd.
Hughes, E. Griffiths
Ichthyol Co.
International Chemical Co.
Iron-Ox Rem. Co., Ltd.
Kay Bros., Ltd.
Keen, Robinson & Co., Ltd.
Kutnow, S., & Co., Ltd.
Lalor's, Dr., Phosphodyne
Lambert Pharmacal Co.
Lofthouse & Saltmer
Lorimer & Co., Ltd.
May, Roberts & Co.
Menley & James, Ltd.
Newbery, F., & Sons, Ltd.
Oatline Co.
Odol Chemical Works
Owbridge, W. T., Ltd.
Pedey Co.
Phillips, Chas. H., Chem. Co.
Reitmeyer & Co.
Resinol Chemical Co.
Sangers'
Schimmel & Co.
Scott & Rowne, Ltd.
Smith, Maurice
Squire & Sons
Standard Tablet & Pill Co.
Stedman's Teething Powders
Thermogene Co., Ltd.
Thompson & Capper
United Chemists' Association,
Ltd.
Voss & Co.
Wilcox, Jozeau & Co.
Zetos, Ltd.
(See also DENTIFRICES and TOILET
ARTICLES)

PULVELLÆ

Warrick Bros.

PULVERETTES

Oppenheimer, Son & Co., Ltd.

PUMPS

Berkefeld Filter Co., Ltd.

QUININE AND SALTS

Boehringer, O. F., & Soehne
Carmichael, F. J., & Co.
Howards & Sons, Ltd.
Pointet & Girard

RAPE OILS

Hull Oil Mfg. Co.

RAZORS

Auto-Strop Safety Razor Co.
Hovenden, R., & Sons, Ltd.
International Distributing Co.

RENNET

Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.

RESINS AND RESINOLDS

Allen, S., & Sons, Ltd.
Allen & Hanburys, Ltd.
Morson, T., & Son
Ransom, W., & Son
Smith, T. H., Ltd.

RESPIRATORS

Zimmer & Co.

RUBBER GOODS

Burge, Warren & Ridgley, Ltd.
Davol Rubber Co.
Dunlop Rubber Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Feeher, M. J.
Galen Mfg. Co.
Hatrack, James L., & Co., Ltd.
Haywood, J. H.
Hovenden, R., & Sons, Ltd.
Hutchinson Co.
Ingram, J. G., & Son
Maw, S., Son & Sons
May, Roberts & Co.
Wanklyn, H. A.
Warne, W., & Co., Ltd.

SACCHARIN

Saccharin Corporation, Ltd.

SALICIN

Macfarlan, J. F., & Co.
Smith, T. & H., Ltd.

SAMPLE CASES

Keane, Thomas

SANTONIN

Smith, B. A., & Co.

SAPONIN

Field, C. W.
Sthamer, Dr. R.

SAUCES

Goodall, Backhouse & Co.

SCALE PREPARATIONS

Morson, T., & Son

SCALES, WEIGHING

Maw, S., Son & Sons
Parnall & Sons, Ltd.
Southall Bros. & Barclay, Ltd.

SEA SALT

Tidman & Son, Ltd.

SEA-SICKNESS REMEDY

Zotos, Ltd.

SELTZOGENES

Aerators, Ltd.

SERUMS AND ANTITOXINS

Allen & Hanburys, Ltd.
American Animal Therapy Co.,
Ltd.

Evans Sons Lescher & Webb

Parke, Davis & Co.

Schimmel & Co.

Wilcox, Jozeau & Co.

SHEEP-DIPS

Burt, Boulton & Haywood
Sanitas Co., Ltd.
Tomlinson & Hayward, Ltd.

SHOP-FITTING

Ayrton-Graham, Ltd.

Bowling & Son
Congdon & Son
Evans Sons Lescher & Webb, Ltd.
Josephs, P., & Son
Maw, S., Son & Sons
Mills, H.
Parnall & Sons, Ltd.
Rudduck & Co.
Sangers'
Southall Bros. & Barclay, Ltd.

SOAPS

Allen & Hanburys, Ltd.
Armour & Co., Ltd.
Bell (John), Hills & Lucas, Ltd.
Breidenbach & Co.
Bronnley, H., & Co., Ltd.
Chesebrough Mfg. Co.
Cook, E., & Co., Ltd.
Erasmic Co., Ltd.
Hull Oil Mfg. Co., Ltd.
International Distributing Co.
Lescol Perfumery Co.
Oakley, J., & Son., Ltd.
Mysantal Co.
Oatline Co.
Pears, A. & F., Ltd.
Price's Patent Candle Co.
Shaw, Henry, & Co.
Wright, Layman & Umney

SOAPS, MEDICATED

Armour & Co., Ltd.
Bronnley, H., & Co., Ltd.
Calvert, F. C., & Co.
Lambert Pharmacal Co.
Resinol Chemical Co.
Wright, Layman & Umney

SOAP PLANT

Forshaw, E., & Son, Ltd.

SHARES

McAdam & Tuckniss

SOAP MATERIALS

Armour & Co., Ltd.
Chris, Antoine

SODA FOUNTAINS

British Automatic Aerators, Ltd.

SODIUM BICARBONATE

Brunner, Mond & Co., Ltd.
Howards & Sons, Ltd.
Mumford, G. S.

SOIL INSECTICIDE.

Vaporite-Strawson Co., Ltd.

SOYA OIL

Hull Oil Mfg. Co.

SPARKLETS

Aerators, Ltd.

SPECTACLES

Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Günther
Raphael's, Ltd.

SPHYGMOMETERS

Hicks, J. J.

SPIRIT OF WINE

Burrough, J., Ltd.
Preston's Liverpool Distillery

SPITTING-FLASKS

Maw, S., Son & Sons

SPONGE BAGS

Maw, S., Son & Sons
Schutze, F., & Co.
Toogood, W., Ltd.

SPONGE STANDS

Wanklyn, H. A.

SPONGES

Interntl. Sponge Importers
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
Sangers'

SPONGES, RUBBER

Wanklyn, H. A.

SPONGIO-PILINE

Whitehead, R. R., & Bros.

SPRAYS

Burge, Warren & Ridgley, Ltd.
Cook, Alfred, & Co.
Davol Rubber Co.
Hovenden, R., & Sons, Ltd.
Maw, S., Son & Sons
May, Roberts & Co.
Parke, Davis & Co.
Reuter, R. J.

STAIN REMOVERS

Hammond Mfg. Co.

STARCH

Mumford, G. S., & Sons

STILLS, ESSENTIAL OIL

Bennett, Sons, & Shears, Ltd.

STOPPERS

Fletcher, Fletcher & Co.
Stipendium Stopper Co.

SUPPOSITORIES

Cox, Arthur H., & Co.

SURGICAL APPLIANCES

Allen & Hanburys, Ltd.
Bailey, W. H., & Son
Burrroughs Wellcome & Co.
Hatrack, James L., & Co., Ltd.
Haywood, J. & H., Ltd.
Hutchinson Co.
Maw, S., Son & Sons
Quelch, H. O., & Co.
Reynolds & Branson, Ltd.
Stuart Plaster Pad Co.
Wood, Vincent
Warne, W., & Co., Ltd.

SURGICAL DRESSINGS

Beiersdorf, P., & Co.
Berliner, Arthur
Burrroughs Wellcome & Co.
Bush, H. W., & Co., Ltd.
Dalmas, A. de St., & Co.
Galen Mfg. Co., Ltd.
Gimber, W., & Son
Hatrack, James L., & Co., Ltd.
Haynes, G., & Co.
Kokke, W. A.
Leslies, Ltd.
Liverpool Lint Co.
Macfarlan, J. F., & Co.
Maw, S., Son & Sons
Newsome, C.
Robinson & Sons, Ltd.
Southall Bros. & Barclay
Thermogene Co., Ltd.
Vernon & Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.

SYNTHETIC PERFUMES
Boehringer, C. F., & Soehne
Bush, W. J., & Co., Ltd.
Chuit, Naef & Co.
Compagnie Morana
Murray, O., & Co., Ltd.
Reitmeyer & Co.

SYNTHETIC REMEDIES
Boehringer, C. F., & Soehne
Boehringer, C. H., Sohn
Hoffmann-La Roche, Ltd.
Reitmeyer & Co.

SYPHONS,
Aerators, Ltd.
Barnett & Foster
Bremitt, E., & Co., Ltd.
Camwal, Ltd.
Idris & Co., Ltd.

SYRINGE CASES
Estes, E. B., & Sons

SYRUPS, MEDICINAL
Chemist's Co-operative Wholesale
Fellows' Med. Mfg. Co.
Fletcher, Fletcher & Co.
Lloyd, T. H., & Co., Ltd.
Squire & Sons

TABLETS, COMPRESSED
Allen & Hanburys, Ltd.
Asche, O. F., & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd.
Davies, Sons & Co.
Dunoon, Flockhart & Co.
Evans Sons Lescher & Webb
Howards & Sons, Ltd.
Jackson, E. E.
Lloyd, T. Howard, & Co.
Parke, Davis & Co.
Potter & Clarke
Standard Tablet & Pill Co.
Thompson & Capper
Wand Manufacturing Co.
Wander, A.

TABLOID PREPARATIONS
Burroughs Wellcome & Co.

TARTARIC ACID
British Drug Houses, Ltd.

Boehringer, C. H., Sohn
TELEPHONE CAPS
Jeyes Sanitary Compound Co., Ltd.

TIN BOX MAKERS
Goodall, Backhouse & Co.
Huntley, Boorne & Stevens

TELESCOPES
Darton, F., & Co.

TOBACCO
"Pinoza" Depot
Singleton & Cole, Ltd.

TOFFEE
Meggeson & Co., Ltd.

TOILET ARTICLES
Allen & Hanburys, Ltd.
Armour & Co., Ltd.
Auto-Strop Safety Razor Co.
Barnett & Co.
Beetham, M., & Son
Berliner, Arthur
Blackie, R.
Breidenbach & Co.
Bronnley, H., & Co., Ltd.
Burroughs Wellcome & Co.
Chesebrough Mfg. Co.
Christy, T., & Co.
Cook, E., & Co., Ltd.
Daggett & Ramsdell
Daisy, Ltd.

Edwards' Harlene Co.
Erasmic Co., Ltd.
Eueryl, Ltd.
Hall & Ruckel
Harker, Stagg & Morgan
Hovenden, R., & Sons, Ltd.
John Strange Winter
Lloyd, A., & Co.
Lloyd, A. S. (Hovenden)
Lorimer & Co., Ltd.
Morison, G. H., & Co., Ltd.
Newbery, F., & Sons, Ltd.
Oatline Co.
Odol Chemical Works
Papier Poudre, Ltd.
Parke, Davis & Co.
Pharmazeutische Industrie
Gesellschaft (Offenbach)
Pierre, Dr.

Quelch, H. C., & Co.
Reuter, R. J.
Rowland, A., & Sons
Sangers'
Savitas Co., Ltd.
Shaw, Henry, & Co.
Standard Tablet & Pill Co.
To-Kalon Mfg. Co., Ltd.
Toogood, W., Ltd.
Velvix Toilet Co.
Woolley, J., & Sons & Co., Ltd.

TRADE-MARKS AGENTS
Barker, R. W.
Ford, Shapland & Co.

TOILET PAPER
Ford, Shapland & Co.
Newbery, F., & Sons, Ltd.

Townsend, J., & Sons
TOOTH-BRUSH CASES
Southall Bros. & Barclay, Ltd.

TOOTH STOPPING
Stevens, P. A.

TRUSSES
Bailey, W. H., & Son
Haywood, J. H.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.

TUBED SPECIALITIES
Christy, T., & Co.
Sangers'

TUBES, COLLAPSIBLE
Lumley, L., & Co., Ltd.

TURNED WOOD BOTTLES AND BOXES
Estes, E. B., & Sons

VALUERS
Alexander, H. P.

Baker, P. C.
Berdoo & Fish
Brett & Co.
Orridge & Co.
Rogerson, W. J.
Smith, Fredk. W.
Tomlinson, T., & Son

VASELINE
Chesebrough Mfg. Co.

VERMIN-KILLERS
Battle, Son & Maltby
Danysz Virus, Ltd.
Evans Sons Lescher & Webb, Ltd.
Farmer, F., & Co.
Harker, Stagg & Morgan
Kay Bros., Ltd.
Sanford & Son

VETERINARY MEDICINES

Canine Supply Co.
Chesebrough Mfg. Co.
Day & Sons (Crewe), Ltd.
Day, Son & Hewitt
Edwards, W., & Son
Elliman, Sons & Co.
Harvey & Co., Ltd.
James, F.
John, H. C.
Lloyd, T. H., & Co.
Tomlinson & Hayward, Ltd.
Walker, Troke & Co.
Wand Mfg. Co.
Wilson Vet. Mfg. Co.
Young, W. F.

VACCINES

Allen & Hanburys, Ltd.
Evans Sons Lescher & Webb

VINEGAR
Grimble & Co.

WATERS, CONCENTRATED
Chemist's Co-operative Wholesals
Robinson, B., & Co., Ltd.

WAXES
Schliemann's Oil and Ceresine Co., Ltd.

WEED-KILLERS
Burt, Boulton & Hayward

WEIGHING INSTRUMENTS
Parnall & Sons, Ltd.

WHEAT-DRESSINGS
Lindsey, T. C., & Co.

WHOLESALE DRUGGISTS

Allen & Hanburys, Ltd.
Allianoe Drug & Chem. Co.
Ayrton, Saunders & Co.
Baiss Bros. & Stevenson, Ltd.
Bell, John, Hills & Lucas, Ltd.
Blackie, R.
British Drug Houses, Ltd.
Chemist's Co-operative Wholesale
Evans Sons Lescher & Webb
Ferris & Co.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan
Hewlett, C. J., & Son
Horner & Sons
Lennon, Ltd.
Lloyd, T. Howard, & Co.
Lofthouse & Saltmer
Oldfield, Pattison & Co.
Potter & Clarke
Raimes & Co.
Southall Bros. & Barclay
Willows, Francis B. & T.
Woolley, J., Sons & Co.
Woolleys, Ltd.
Wright, Layman & Umney

WINES

Burrough, J., Ltd.
Millar, A., & Co., Ltd.
Robinson, B., & Co., Ltd.

WINES, MEDICATED
Burrough, J., Ltd.
Coleman & Co., Ltd.
Fletcher, Fletcher & Co., Ltd.

ZINC OXIDE
Baiss Bros. & Stevenson
Hubbuck, T., & Son, Ltd.

OLDFIELD, PATTINSON & CO.

TELEGRAMS :
"OPIUM, MANCHESTER."
A RELIABLE HOUSE FOR
All Pharmaceutical Preparations.
CONCENTRATED WATERS.
CONCENTRATED INFUSIONS.

Syr. Hypophosphites Co. (NEUTRAL)
ELIXIR TERPINI ET HEROIN COMP.
THYMOLYPTOL.

Syr. Glycerophosph. Co.
LIQUID EXTRACTS.
LEVIGATED OINTMENTS.
ESSENTIAL OILS.

"Silver Churn" Dairy Specialities.

Special Prices to Large Buyers.

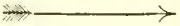
Write for List.

MANCHESTER.

7-12 ALDERSGATE STREET,

LONDON, E.C.

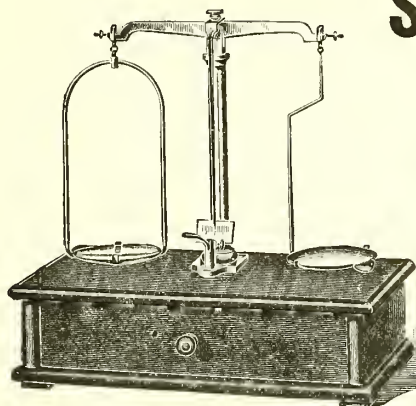
Much has been said and more has been written on the subject of the new Weights and Measures Regulations—The result is, in many instances, a state of uncomfortable confusion and indecision. At this juncture we venture to place at the entire disposal of our friends the varied and very considerable knowledge which we possess of the subject from every point of view.

To reduce to simplicity a complicated situation, we illustrate and describe, on the opposite page, a series of balances which we can definitely and confidently recommend as being in entire conformity with the new regulations, and eminently suited to our customers' peculiar requirements. 

This recommendation carries the weight of one hundred years' practical experience of the subject in question, and merits careful consideration if only for the reason that it will obviate any possibility of the annoying and expensive experience of purchasing instruments which may prove unsuitable or unreliable.

S. MAW, SON & SONS.

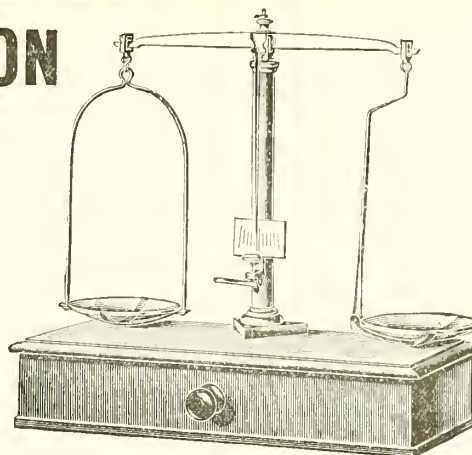
S. MAW, SON & SONS.



1908 IMPROVED.

Lacquered Brass and Nickel Plated, on Polished Walnut Stand, with drawer. Fitted with plated weight pan, glass drug pan, spare ditto, continuous steel knife edges and adjusting screws at end of beam. A most useful all-round balance turning to less than $\frac{1}{10}$ grain. Stamped under Class B. Capacity 1 oz.

Lacquered Brass	...	...	...	...	33/-	each
Nickle-plated	...	...	...	...	35/6	"



398

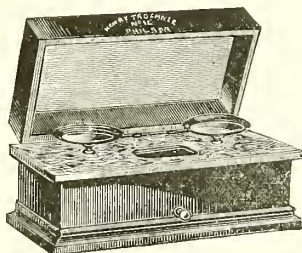
Lacquered Brass on Polished Mahogany Stand, with drawer. Bearings are fine steel knife edges working on agate—a practically indestructible combination giving very fine adjustment. Fitted with metal weight pan, glass drug pan and spare ditto, and an adjusting vane on centre of beam, enabling fine adjustment to be made. Turn easily to less than $\frac{1}{10}$ grain. Stamped under Class B. Capacity 1 oz.

Each	38/-
------	-----	-----	-----	-----	-----	------

The Henry Troemner Balance, No. 12, for which we are sole agents, is one of the best dispensing balances on the market. It turns easily to $\frac{1}{10}$ grain and is accepted for verification under the new regulations. The instrument is 13 ins. long, 6 ins. wide, and 6 $\frac{1}{2}$ ins. high. All working parts are enclosed in a neat ebonized body and a glass lid keeps balance free from dust.

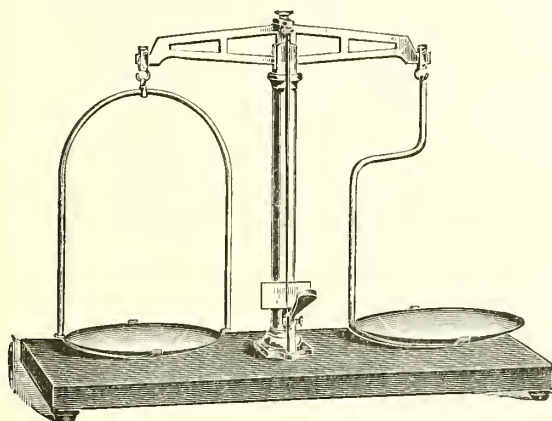
The scale is an ideal of compactness and thorough efficiency, the mechanism is actuated by an outside lever, and the pans are made of solid nickel.

Price of Balance 71/- each.



TROEMNER'S No. 12.

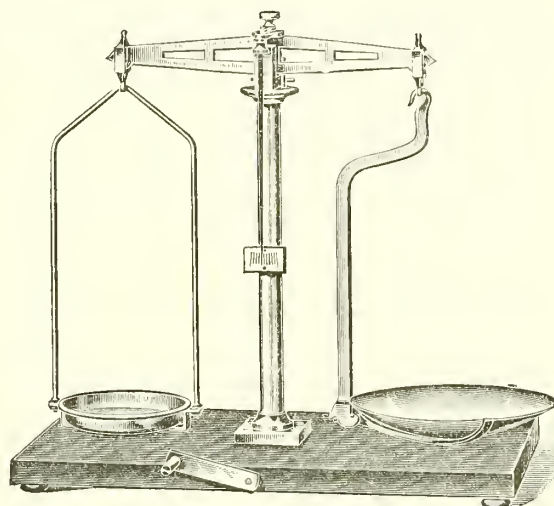
We print, as the most conclusive evidence we could give, a testimonial received during the last week from a customer: "Ro Troemner's Balance, I can fully confirm the article in 'PHARMACEUTICAL JOURNAL' of to-day (Oct. 22). Have had one of these balances I got from you many years ago, in use with the greatest satisfaction. It is as correct now as when first bought and has never once been adjusted. Must be 15 years ago or more since I got it."



DRUG SCALE No. 4. Sensitive to 1 grain.

A fine Counter Scale made on lever action balance principle. Fittings are of well lacquered brass and require no cleaning and consequent disarrangement of adjustment.

To weigh	Stand	Height	Price
2 lb.	20 $\frac{1}{2}$ x 9	15	45/- each



DRUG SCALE No. 3 (AGATE BEARINGS) Sensitive to 1 grain.

Counter scale with lever action. Made with indestructible agate bearings giving finest adjustment possible to obtain. Well lacquered fittings. A well finished and entirely satisfactory article meeting every requirement.

To weigh	Size base	Height	Goods Pan	Price
1 lb.	18 x 8 $\frac{1}{2}$	18	7 $\frac{1}{2}$	60/-
2 lb.	20 x 19	19	8 $\frac{1}{2}$	65/-
4 lb.	22 x 11	21 $\frac{1}{2}$	10	75/-

The same Scale without lever action.

To weigh	1 lb.	2 lb.	4 lb.
	45/6	49/-	60/6

7-12 Aldersgate Street, E.C.

The National Cash Register Company, Ltd.

225 Tottenham Court Road, London, W.

Great Reduction in Prices.

Cash Registers from £4 upwards.

Autographics, £1 to £6.



Use a National Cash Register in your shop!
It will save you money, mistakes it will stop,
Protecting your Customers, trade will increase,
Your time will be saved, and your worry decrease.

We accept monthly instalments if required.

Established 20 years.

Our Machines Guaranteed to be Cheaper and Better than any other make.

**New Machines at lower prices than those charged
by other dealers for similar machines second-hand**

Write for particulars, or call at any of our Show Rooms and inspect our stock, where we have Cash Registers suitable for every class of shop, from the smallest to the largest.

BRANCH OFFICES IN EVERY TOWN.



SHOP FITTINGS



Your Shop should be up to date.

*Mr. A. H. NASH, Pharmaceutical Chemist,
2 High Street, Market Harboro, writes:—*

*"I have great pleasure in sending you Cheque
"for re-fitting shop, with which I am well
"satisfied. Your men were very obliging, and
"put me about as little as possible."*

We can refer to many others who have favoured us with orders.

We will send our expert manager of this department to confer and suggest alterations. We give estimates, plans, &c.

We have just moved into new premises fitted with all the most recent machinery, and ask a visit at any time.

EVANS SONS LESCHER & WEBB Ltd.
LIVERPOOL and LONDON.

(Shop Fitting Department).



This Gold Medal Consommé Tablet

was awarded Grand Prix,
Gold Medals & Diploma,
1909.

- ¶ IT IS UNIQUE in its being the only *tablet* form of Beef and Vegetables on the market. It is also packed in a novel way—two tablets to form one twin-tablet, in silver foil—therefore its keeping qualities are assured.
- ¶ Packed in tins of 6, 12, 72 and 144 twin-tablets.
- ¶ One tablet makes one cup of consommé by simply adding hot water.
- ¶ Any doctor, medical man, or pharmacist will gladly be furnished with a sample trial package free by post on request.

BUVO Ltd., 26 Rosebery Avenue, London, E.C.

On the P.A.T.A. List.

FRAME-FOOD PREPARATIONS.

(Frame-Food, Racia Food (F.F. No. 1), Frame-Food Jelly and Cocoa.)

TRADE PRICE LOWERED IN MAIN LINES

FRAME-FOOD and FRAME-FOOD COCOA, the
Retail Prices remaining the same.

New Lines: "FAMILY" TINS.
NO STOCK! NO RISK! GOOD PROFIT!

Best Terms allowed on £2 Orders which are C.P.

ADVERTISING MATTER FREE.

Write for Particulars—

FRAME-FOOD CO., LTD.
SOUTHFIELDS, LONDON, S.W.

VISCOSE

THE ADVANTAGES OVER OTHER CAPPING METHODS AND SKINS ARE SIMPLY OVERWHELMING. We cannot name them all here in this limited space, but write for full particulars at once. Viscose Caps will save you time, labour, money, and will increase efficiency.

For Capping Everything

THE VISCOSE DEVELOPMENT CO. Limited,
8 New Court, Carey Street, London, W.C.

BOTTLE CAPS

ZEAL'S PATENT CLINICAL THERMOMETER

The "REPELLO"

Requires no shaking down.
A 30-Second Pushed back in an instant. Guaranteed Accurate.

Good Selling Lines for Chemists.

Send for list, post free.

G. H. ZEAL, 82 Turnmill St.,
LONDON, E.C.

Wholesale Manufacturer of
CLINICAL THERMOMETERS.
A SELECTION OF 50 KINDS.

Established 1888. Telephone No. 12438 Central.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, NOVEMBER 6, 1909.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers) and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.**

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

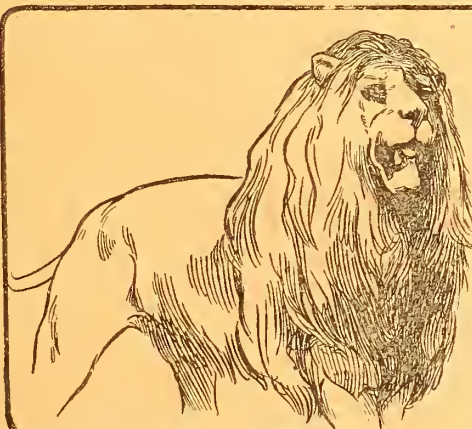
PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules.

Telephone: No. 852 Bank (two lines).

Telegraphic Address: "Chemicus London."

A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."



ALERTNESS

is essential to progress.

KEEP YOUR EYE ON THE CHEMIST & DRUGGIST SUPPLEMENT.

IT PAYS TO STUDY IT.

IT PAYS TO ADVERTISE IN IT.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—BLACKHEATH (within easy distance of).—Ready money Business; Retail, Dispensing, and Photographic; gross receipts average £1,200 yearly; *net profit* 25 per cent.; attractive, well-fitted shop; position good; rent £67; price £900.

2.—FULHAM.—Established Business; Retail, Dispensing, Prescribing, and Photographic; returns average over £600, last year being £646; *profit (net)* £213; the shop is fitted in mahogany and thoroughly stocked; price £450.

3.—THAMES VALLEY.—Established Business, Retail, Dispensing, Prescribing, and Photographic; returns average about £1,000 per annum; *net profit* between £250 and £300; modern-fitted shop; comfortable house; price £500.

4.—NORWOOD.—Light Retail, Dispensing, and Photographic; all good middle-class business; returns £600; *gross profit* £254; comfortable residence; good-sized garden; rent £36 yearly; price £400.

5.—SOUTH KENSINGTON.—Dispensing and Retail Business; excellent position; returns between £1,100 and £1,200 per annum; *net profit* £350; well-appointed shop, single fronted; price £1,000.

6.—LONDON, S.W.—Old-established Business; situate in close proximity to busy railway station; returns £1,256; *net income* £439; price £1,000.

7.—LONDON (Northern Suburb). Cash Retail, Dispensing, Prescribing, and Optical; returns £594; *gross profit* £268; comfortable residence, private entrance; price £350, or valuation of stock and fixtures.

8.—GLOUCESTER (within easy distance of).—High-class Business, Dispensing and Retail; returns average £1,306 yearly; *net profit* £320; handsomely fitted shop; corner position; commodious house, held on lease; further details on application.

9.—BERKS. — Very old-established Business, Retail and Dispensing, with Wine and Spirit Department; the *net income* is £371; intending investors with £1,000 at command will find this a sound investment.

10.—LEEDS.—Ready money Business; established 40 years; returns exceed £600 yearly; rent £31 per annum; no immediate opposition; terms, valuation, or reasonable offer.

11.—HOME COUNTY.—Mixed Business; established 1804; returns average £940; *net profit* £300; large house with garden attached; rent £60, held on lease; price £750.

12.—WORCS. (Market Town).—Retail, Dispensing, Photographic, and Optical; established many years; returns average £1,089 yearly; *gross profit* £450; double-fronted shop; position unique; roomy house; terms, valuation of stock and fixtures and sum for goodwill to be arranged equitably.

13.—CORNWALL.—Retail and Dispensing Business; held by vendor many years; returns exceed £1,400 yearly; scope for development; terms, goodwill £50, stock and fixtures at a fair valuation.

14.—YORKS.—Modern Pharmacy; returns about £1,600, increasing; *net profit* £350; large shop, corner position; intending investors with £1,100 at command will find this a sound investment.

Particulars of any of the above will be furnished on application.

N.B.—NO CHARGE TO PURCHASERS.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasise the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BRETT & CO.

VALUERS,

8 WEST ST., LEICESTER.

Telegram, "Brett Leicester." Telephone 160 Y.

VALUATIONS have always had our special and personal attention, and an experience of thirty years is at your disposal.

AGENCY.—We have always a large number of *Buyers* on our books, and we can frequently find a *Purchaser* at once. We also have a *Private Register* for vendors who are in no hurry to sell, and who do not wish their businesses to be advertised.

STOCKTAKING SPECIALISTS to the Entire DRUG TRADE

1.—MIDLANDS.—A good steady General Retail in a very busy town; old established, together with a Tobaccoist's adjoining; Chemist's returns £15 per week, Tobacco returns £50 per week; excellent premises; price £150 and valuation, about £600 (for the two Businesses); a rare opportunity.

2.—WEST MIDLANDS.—One of the finest Businesses in the district; pretty market town; very nice Family Retail, Agricultural, Photo, little Wholesale and Mineral-waters; excellent shop and premises; returns considerably over £2,000; price, goodwill and valuation, about £1,900; very profitable; vendor will consider partner with £1,000; references required.

3.—GLOUCESTERSHIRE.—Very nice Retail, Dispensing, and Prescribing in very pretty district; returns nearly £800, and steadily increasing; good profits; good house and shop; price £550; an excellent business.

4.—CHESHIRE.—Good-class Retail and Photographic; rapidly increasing; good lock-up shop, but convenient; Post Office attached, which brings in £70 per annum; returns £430; valuation about £300; low rent; a rare chance.

5.—BRADFORD Suburb. — Mixed Cash Retail, Dispensing, and Prescribing, also Wines; old-established; in fine position; returns last year over £1,000; now about £14 per week; been neglected; can easily be worked up again; rent £35; price £120 only for quick sale.

6.—LONDON, W.—Good-class Retail and Dispensing in thickly populated residential neighbourhood; several valuable Proprietaries; splendidly fitted shop and excellent house; returns £650, and increasing; price £650, or valuation; worth prompt attention.

7.—YORKS.—In the busiest thoroughfare and in the centre of large manufacturing town, an up-to-date good-class Pharmacy; imposing premises; excellent house and shop; returns about £1,800; good profits; valuation, about £1,100; an excellent concern.

8.—MANCHESTER.—Good middle-class Retail; nice house and good shop; old established; returns £400; net profit £180; price £160, or will accept reasonable offer for quick sale.

PARSON C. BAKER

174 VICTORIA ST., LONDON, S.W.

Recommended by—MESSRS. BARRON, HARVEY & CO.
Telephone: MESSRS. MEGGESON & CO.
No. 27 Victoria MESSRS. BAROLAY & SON, LTD.

IN the principal thoroughfare of a small fashionable South Coast town, a good Family Retail and Dispensing Business, increasing annually; last year's returns over £800; modern corner shop, well fitted, double front; large house, separate entrance, and garden; lease 14 years, £70 and £75; price very small goodwill and valuation of stock and fixtures, say £500; vendor going abroad immediately.

IN centre of main thoroughfare, London, S.E., an old-established and prosperous Cash Retail, returning £900; absolute net profit about £300; good shop, well fitted, fully stocked; large house, very nice garden; price £530.

IN Liverpool and in Manchester, small old-established Cash Retail, returning about £400, and rent £25; price £150.

LONDON, N.—Cash Retail; returns £685; no Dentistry, Photo, or Optics; corner shop in well-known thoroughfare; rent £45 on lease; price £250.

Periodical valuations conducted without disturbance of stock at specially moderate prices. Correspondence invited.

FREDK. WM. SMITH,

LICENSED CHEMISTS' VALUER.

Valuations for transfer of business, Probate, &c. Businesses for disposal. Stocks and Fixtures purchased to any amount for cash. Stocktakings undertaken. A Register kept of Assistants and Chemists requiring Assistants; no charge made.

3 Belgrave Terrace, LEEDS

TELEPHONE 02949.

H. P. ALEXANDER, LICENSED EXPERT VALUER,
211 Graham Rd., London, N.E.

UNDERTAKES

VALUATIONS FOR SALE,
PURCHASE, PROBATE AND STOCKTAKING
on reasonable terms.

Of well-known experience to London Houses.

Businesses Wanted and for Sale.

Chemists' and Assistants' Wants Undertaken.

MESSRS. BERDOE & FISH,

Chemists' Valuers and Transfer Agents,

35 JEWRY STREET, FENCHURCH STREET, CITY.

TELEPHONE: 1809 CENTRAL.

Have the following Businesses for Disposal. (No charge to Purchasers.)

1.—MIDDLESEX (Northern Heights).—Good-class Retail, with excellent Specialities; returns over £1,900; splendid position; good residential locality; elegantly fitted Pharmacy, heavily stocked; price £1,250; personally inspected.

2.—SOUTH COAST.—Good-class Light Retail and Dispensing Business in rapidly growing town; returns over £800; net profit £260; large house; handsome shop, fully stocked; price £550.

3.—GLOUCE.—Good-class Retail, Prescribing, and Dispensing Business, in pleasant market town; returns £750 to £800, increasing; large shop; good position and heavily stocked; price £550.

4.—SURREY (near town).—Light Retail, Dispensing, and Prescribing; well situated; returns over £600; net profit £200 to £250; good house and shop; selling solely through illness; price £450.

5.—BUCKS.—Good-class Retail and Dispensing Business; in central position; returns about £700; large house and garden; attractive shop, heavily stocked; price £550.

6.—DEVON.—Good profitable Retail and Prescribing, with Dispensing; in splendid position; returns £500; net profit £190; fine corner shop and good house; price, valuation, about £250 to £300.

7.—MIDDLESEX.—Light Retail and Prescribing Business; returns £500; fast-growing district; best position; low rent; good house and long garden; price for early sale £225; worth attention.

8.—VICTORIA STATION (near).—First-class Retail; returns over £1,250; net profit £439; splendid position; price £1,000.

9.—LONDON, S.E.—Brisk cash Retail; returns under manager £1,000; net profit £300; price £500; £200 can remain.

10.—NORTH OF ENGLAND.—Good-class Cash Retail; in very best position of important town; returns nearly £1,900; handsome Pharmacy; stock and fixtures worth £1,100; price £1,100.

11.—LIVERPOOL.—Light Cash Retail Business; well established; returns about £1,000; net profit over £250; handsomely fitted shop, in unique position, fully stocked; valuation required; about £425.

12.—LANCS.—Light Retail and Prescribing Business, with Dentistry; pleasantly situated; returns over £800; net profits £330 clear; fine corner shop, fully stocked; nice house; price £700.

13.—SUFFOLK.—Light Retail, Dispensing, and Prescribing Business, unopposed; returns average £800; good profits; scope for increase; very convenient house; well-fitted shop, heavily stocked; price £575, or offer.

14.—COUNTY DURHAM.—Good-class Light Retail Business; easily worked; returns exceed £650, increasing; net profit £200; well-fitted shop, fully stocked; no near opposition; price £400.

15.—YORKSHIRE.—High-class Retail and Dispensing Business; charming locality; practically unopposed; returns average £650, increasing; modern house; attractive Pharmacy, well stocked; valuation required, plus £50 goodwill.

16.—HAMPSHIRE.—Light Family Retail and Dispensing Business; unopposed and easily worked; returns exceed £400; net profit £170; well-fitted shop; good stock; price £300.

17.—SOUTH KENSINGTON.—Good-class Retail and Dispensing; returns over £1,100; net profit £350; main road position; price £850.

18.—LONDON, N.W.—Good-class Retail and Dispensing; returns £750 to £800; scope for increase; net profit £200; price only £350.

STOCKTAKING VALUATIONS.

WHAT A CLIENT SAYS.

October 18, 1909.

GENTLEMEN,—I wish to say that at my recent stocktaking, conducted by Mr. Fish, I was put to no inconvenience at all, although before having it taken was afraid it would cause me a lot of trouble. I enclose cheque in settlement.

Yours faithfully, A. E. D.

BUSINESSES WANTED.

WHAT A CLIENT SAYS.

October 25, 1909.

DEAR SIRS,—I beg to enclose cheque for £—, in settlement of your account. I thank you for the attention you paid to my application and for the expeditious manner you introduced a purchaser, in fact, all the men you introduced me to were likely buyers. Yours truly, L. E. T.

TOMTOM

Telegraphic Address.

THOS. TOMLINSON & SON.Chemists' Valuers and Expert Stocktakers,
Businesses transferred privately.

29 NEW CANNON STREET, MANCHESTER.

PHOTOGRAPHS AND TESTIMONIALS.—Assistants should not send their photographs to advertisers of Situations Open unless they are specially requested to do so, and then enclose a stamp for return. In no case should the originals of testimonials be sent; copies suffice until negotiations are approaching completion, when the originals may be submitted at the employer's risk.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.

NOTE.—Replies can be addressed to this Office and forwarded to the Advertiser for an Additional charge of 4d.

COLONIAL BUSINESSES.

We call the special attention of our Colonial subscribers to the opportunity this Supplement affords when they wish to dispose of their Businesses, of getting into touch with likely buyers either at home or in the Colonies.

Replies to Advertisements may be addressed to this office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

BIRMINGHAM SUBURB.—A genuine Light Retail Business for Sale in residential district; pleasantly situated; good convenient house; a real bargain. Full particulars on application. 8/40, Office of this Paper.

COVENTRY.—Mixed Cash Retail; returns about £450; unqualified; might be doubled by energetic, qualified man; owner giving up the Retail to develop the Wholesale; price £250 (including the lease, worth £150); best position in busy working-class neighbourhood. 261/17, Office of this Paper.

DEVON seaport; small, old-style Prescribing and Retail; average £390 (half is net profit); managed by assistants, sometimes unqualified; owner going abroad; £225, or offer; deposit, instalments, remainder lease transferable; photograph; house now let off; Surgery, stock-room, and double shop; expensive fittings. 8/31, Office of this Paper.

EDINBURGH.—Dispensing and Retail Drug Business in good-class neighbourhood in town for early Disposal; stock light and in good condition; well fitted; moderate rent; full particulars to bona-fide inquirers. Apply, Messrs. T. & H. Smith, Ltd., Blandfield Chemical Works, Edinburgh.

EASTERN COUNTIES.—In unusually pleasant situation; average returns for the past three years £794; net profits about 33½ per cent.; annual rent £50, less £10 let off; price for quick sale, £550. Address, "Suffolk," c/o Southall Bros. & Barclay, Ltd., Valuation and Transfer Department, Birmingham.

EASTERN COUNTIES.—Profitable Light Retail, Prescribing, and Photographic; convenient modern house and shop, well fitted mahogany, heavily stocked; low rent; large unopposed district; vendor will sacrifice for about £500 cash for quick sale; price includes several valuable Proprietaries with small Wholesale attached, which can be increased by smart man. "B. P." (9/40), Office of this Paper.

KENT.—£150; Light Cash Retail and Prescribing Business; unopposed; returns £1,400-£1,500, chiefly booking; large lock-up shop with storerooms and warehouses; to be Sold at less than valuation of stock and fixtures; cash buyers only treated with. Apply, 7/29, Office of this Paper.

LANCASHIRE.—Very old-established Family Business; central position; returns £1,400-£1,500, chiefly booking; large lock-up shop with storerooms and warehouses; to be Sold at less than valuation of stock and fixtures; cash buyers only treated with. Apply, 281/34, Office of this Paper.

LEEDS Suburb.—Drug Store; suit qualified or unqualified; Mixed Retail and Prescribing Business; same hands 7 years; having other business has been much neglected; good convenient house; very low rent; splendid opening for Dentistry; no near opposition; valuation under £100, and could be reduced. Apply, 96 Armley Grove Place, Leeds.

LONDON, N.W.—Business for Sale through ill-health; valuation of stock and fixtures will secure snug Prescribing Business, with splendid opening for Dentistry and Photography; patents almost nil; bargain. 7/7, Office of this Paper.

MIDLANDS.—For Disposal, Chemist's Business; situated in main street of county town; Light Retail and Photographic trade; turnover £1,100; £300 down, balance to suit purchaser. Apply to "Delta" (9/6), Office of this Paper.

NORTH LONDON.—Old-established genuine concern; ready money Light Retail and Prescribing; turnover about £450, with Dentistry about £200 (additional); both capable of great development under energetic control; no opposition; decently fitted shop and large, convenient house; exceptional reasons for disposal; low price for cash. "Budget" (12/4), Office of this Paper.

SOUTH-EAST COAST.—Good-class Light Retail and Dispensing Business in excellent position of fashionable seaside resort; returns average £1,150, at good profits; large house, every modern convenience; handsome shop, well fitted and well stocked; price £1,000; only cash buyers entertained; opportunity seldom offered. Address, "F. F." (12/24), Office of this Paper.

SUSSEX COAST.—Old-established Dispensing Business (2,500 new Prescriptions per annum); situated in main thoroughfare; returns £1,100; rent £170; price £900, or offers; ill-health reason for disposal. "Spero" (11/36), Office of this Paper.

CHEMIST Business for Sale; crowded district; large Prescribing trade; profitable Retail; profits about £200; low rent; takings could be increased by energetic man; if necessary part payment and remainder by instalments; same hands nearly 20 years. Write, 12/12, Office of this Paper.

COUNTRY Wholesale; stock, trade-marks, and formulas of several high-class Toilet Preparations for Sale; satisfactory reasons for selling; good opportunity for business man with small capital. Apply, 9/1, Office of this Paper.

DRUGGIST'S Business for Sale in busy industrial town on Clyde; satisfactory reasons for disposal; good opening for energetic person. Full particulars from Erodie, Burns & Anderson, 95 West Regent Street, Glasgow.

GENUINE concern; well stocked; modern fittings; centre of market; quick small trade; few patents; rent of shop and parlour 13s.; trial given; price £85, or near offer, quick purchaser. "J. W. W." 123 Amity Road, Stratford.

ILL-HEALTH cause of Sale; first reasonable offer accepted; Light Retail, Family, and Optical Business on Kent Coast; returns £500 at exceptional profits; up-to-date premises; on lease; light expenses; plenty of scope. Particulars from "Velox" (8/7), Office of this Paper.

OLD-ESTABLISHED Drug-stores in thickly populated, rough-and-ready water-side district, London, E.; very easily managed; returns £7 to £8 10s. weekly, mostly penny trade; some Prescribing, Optics, few Patents; could be increased with own Specialities; double-fronted corner shop, with small, comfortable house; open to every investigation. Apply, 12/30, Office of this Paper.

RARE chance, owing to old age and illness; proprietor will Dispose at once of very profitable Cash Pharmacy; established 20 years; smart, attractive shop; good house; rent £24; suitable for qualified or unqualified; wants only to be seen; price nominal, part cash could remain; first reasonable offer accepted. Address, "Owner" (9/7), Office of this Paper.

SALES BY AUCTION.

By Order of the Liquidator.

Re Lynch & Co., Ltd., in Liquidation.

15 SILVER STREET, WOOD STREET, LONDON, E.C.

Great Sale of valuable and high-class SURGICAL INSTRUMENTS, comprising Amputating Instruments and Cases, Syringes of every description, Knives, Forceps, Scissors, Microscopes, etc., Uterine and Midwifery Forceps, Bladder and Lithotomy Instruments, Throat, Post Nasal, and Tracheotomy Instruments, Stethoscopes and Ophthalmoscopes, Eye and Ear Instruments of large variety. Large quantity of best English Dressing Instruments, Post-mortem Instruments, etc., etc.

MR. FRANK G. BOWEN will SELL BY AUCTION, on the premises as above, on WEDNESDAY, December 8, 1909, at one o'clock.

On view day prior.

Catalogues may be obtained of the Liquidator, W. H. Stone, Esq., 17 Tokenhouse Yard, E.C., and of the Auctioneer, 62A Aldersgate Street, London, E.C.

Re Lynch & Co., Ltd., in Liquidation.

15 SILVER STREET, WOOD STREET, LONDON, E.C.

The handsome MODERN SHOP and SHOWROOM FITTINGS, SHOWCASES, and OFFICE FURNITURE, including three very fine Chemist's Mahogany Back Fittings, 250-ft. run of Mahogany Counters, 200-ft. run of Mahogany and Ebonised Plate-glass Counter-cases, Nests of Pigeon Holes, 50 Nests of Mahogany and Deal Drawers, 50 Ranges of Warehouse Bins and Shelves, 10 Wall-cases, 6 Mahogany and Oak Exhibition Show-cases, 10 Mahogany and Plate-glass Centre Show-cases, 5 Ebonised Mahogany and Solid Oak Plate-glass Floor-cases, 100-ft. run of Ebonised Mahogany airtight Wall Show-cases, 20 Mirrors, expensive Amberg Cabinet of 72 files, Iron Fire-resisting Safes, Deed Boxes, Writing Tables, Chairs, Eight-day Dials, Electric Fittings, Telephones, 250 yards Linoleum, 6 Roll-top Desks, Oak Pedestal Table, 10 Slope Desks, Stools, etc.

MR. FRANK G. BOWEN will SELL BY AUCTION, on the premises as above, on THURSDAY, December 9, at one.

On view two days prior. Catalogues of the Auctioneer, 62A Aldersgate Street, London, E.C.

PARTNERSHIPS.

A CHANCE to build up a new registered medium: owner has no time to devote; will take partner or sell outright; no agents. Apply, M. B. Bloom, 53 Bedford Street, Strand, W.C.

FOR the New Year.—A gentleman wanted as working Partner, particularly to manage Wholesale Department of a Drysalter's and General Packed business; one who has knowledge of manufactures, also who has had experience and would be willing to travel, particularly the Midlands; a good opportunity for one having a connection; from £1,000 to £2,000 required. Give full particulars (strictly confidential) to 64, 19, Office of this Paper.

PARTNERSHIP required by gentleman desirous of investing up to £2,000 in well-established business having prospects of development. Full particulars (in confidence) to Box 1305, Judd's, 5 Queen Victoria Street, E.C.

TO LET.

AN exceptional opportunity occurs to Chemists and Druggists of securing Shop and upper part in established thoroughfare, where this business is not represented; N.W. district; rent £60 per annum, on lease. Apply, Ernest Owers, Golders Green, N.W., and at Finchley Road and West Hampstead.

DOUBLE FRONTED corner Shop in centre of rising seaside town in West of England; well-built and compact premises, 8 (lofty) roomed house, side and back entrance, good warehouse and yard; only one other Chemist in the town; exceptional opportunity for a Family Chemist and Minerals and Dentistry; moderate rent, or will sell. Apply, 63/9, Office of this Paper.

TO Let, large Shop and good dwelling-house, 193 Kirkstall Road, Leeds; bath and w.c.; stable and hayloft in connection; rent £50; been used as Druggist's shop for last 25 years; late tenant will give satisfactory reason for leaving. Apply, Coudwell & Son, Wall-paper Factors, 159 Briggate, Leeds.

UNOPPOSED opening for Chemist; attractive, new, double-front Shop (last of row of 10, all well let); superior, rapidly growing suburb and centre for large country district; several side-lines might be added; rent £36; part fixtures by arrangement; first-class living accommodation. Apply, Phillips, 27 Marlboro' Avenue, Reading.

SITUATIONS OPEN.

RESULTS OF ADVERTISING IN THIS SUPPLEMENT

LAST WEEK Nov 27 1909

NATURE OF ADVT

REPLIES

MANAGER	82
UNQUAL. ASSISTANT	51
ASSISTANT	27
TRAVELLER	25
UNQUAL. ASSISTANT	25
ASSISTANT	24

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of advertisers who use a number or nom de plume.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitability.

BE BRIEF BUT CLEAR—millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

REPLIES TO ADVERTISEMENTS may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that the Advertiser pays postal charges in such cases, and perhaps this reminder will obviate the necessity of the constant return of remittances which forgetfulness of this fact entails.

RETAIL.

BIRMINGHAM.—Junior Assistant; wanted, smart, energetic, industrious young man; must be good Counterfman and accustomed to good-class trade. Apply, stating age, height, salary required, full particulars of experience, enclosing photograph, to Hedges & Son, Pharmacists, Dale End, Birmingham.

BIRMINGHAM.—Assistant or Manager; in- or out-door; qualified; abstainer preferred; good Prescriber, with knowledge of Photography; half-day off weekly from 1 p.m., alternate Sunday duty 6 to 9 p.m. Full particulars, stating age, height, salary, and enclosing photo, to H. Critchlow, Chemist, 161 Monument Road, Edgbaston, Birmingham.

BRIGHTON.—Outdoors; an experienced qualified Assistant, accustomed to good-class Dispensing business; duties mainly Dispensing, but good counter experience necessary; age 25 to 30; unmarried; hours 9-9, Wednesdays 9-6 (summer Wednesdays 9-2); usual Sunday duty; salary £144; please give full particulars in first letter and enclose photo. Apply, by letter only, J. Colby & Co., 101 Western Road, Brighton.

BRISTOL.—Junior Assistant wanted for Dispensing and Photographic business; outdoors; half-holiday weekly. Apply, stating age, height, salary required, experience, also references, with photo (if possible), to F. Moss, 206 Redland Road, Bristol.

CEYLON.—Qualified Assistant, about 24; hours shorter, pay progressive and higher than in England; good climate; passage paid out and home. Apply, Dakin Bros., Ltd., 82 Middlesex Street, Bishopsgate Street, E.C.

CHESTER.—Immediately, competent Dispenser; must have had good experience. State salary required (indoors), references, age, and when disengaged, Milling, Chemist, Chester.

DERBY.—Reliable Assistant required (indoors) for good-class Dispensing business. Send full particulars, including salary required, to Monkhouse, 21 Iron Gate, Derby.

JAPAN.—Qualified Assistant; age 23 to 26; one with knowledge of French or German preferred; passage, second class, paid out and home; 5 years' agreement. Apply, with photo and copies of testimonials, to "R. L.," c/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

LANCS.—Experienced Assistant for high-class Dispensing and Photographic business; qualification not necessary; age about 30. Apply, Tomlinsons, Pharmacists, Preston.

LEAMINGTON SPA.—Wanted, a qualified Lady Dispenser; salary £60 a year, with furnished rooms (on premises), coal, gas, and attendance. Applications, stating age, etc., and enclosing copies recent testimonials, to be sent on or before Saturday, December 18, to Secretary, Provident Dispensary, Leamington.

LIVERPOOL.—Bain & Co. require a Junior Assistant (about 21 years of age) on December 28; 3 kept. State age, height, salary required (outdoors), references (photo if convenient), to John Bain, 4 Quadrant, Lime Street, Liverpool.

LIVERPOOL.—Lady Dispenser, qualified, wanted (immediately), for hospital. State fullest particulars and salary required to Harriman, 97 Mount Pleasant, Liverpool.

LONDON, W.—Junior Assistant; about 21; indoors; two employed; good-class business; excellent opportunity to obtain experience in Dispensing; about December 20. State usual particulars, J. W. Feltwell, 91 Hammersmith Road, West Kensington.

LONDON, E.—Wanted, smart qualified man with good knowledge of Optical Goods, to Manage branch; good salary; Store trade; references must bear strictest investigation. Apply, 62/3, Office of this Paper.

LONDON, W.—Assistant wanted, after Christmas; personal application only. Salter, 108 Mount Street, Grosvenor Square, W.

LONDON, S.E.—Assistant for small branch, with view to early succession; excellent chance for young or elderly man; can be paid for out of receipts by instalments; let off £14, leaving £11 rent; near works employing 1,000 men; no opposition; half-hour from town. Apply, 67/8, Office of this Paper.

LONDON.—Wanted, active middle-aged Assistant (outdoors) for Store trade; in reply please state age, salary required, and give recent references, which must bear investigation. "T." (67/18), Office of this Paper.

LONDON, S.W.—Senior Assistant; must have passed Minor; indoors; two others kept; commission. Particulars as to previous experience and stating age, height, salary, etc., required to Hooper, Struve & Co., Ltd., 7 Pall Mall East, S.W.

LONDON, W.—Wanted, immediately, for high-class West-end business, unqualified Assistant; aged 22 to 25; outdoors; must be a good Dispenser and have had previous first-class experience; London preferred; personal interview if possible. Apply, J. G. Shirley & Son, 60 Westbourne Grove, Bayswater, W.

LONDON, S.W.—Wanted, Junior Assistant; aged about 23; good Dispenser; qualification not necessary. Apply, personally or by letter, W. H. Holroyd, Pharmaceutical Chemist, 31 Duke Street, St. James's, London, S.W.

LONDON, S.W. (country town).—Qualified, good all-round Manager; Optics, Photography. Full particulars and experience (state salary), 258/68, Office of this Paper.

MAIDSTONE.—Permanency for capable, energetic Assistant for medium-class business; about 23; hours 8.30 to 8.30; Saturdays 10; close Wednesdays at 1; closed Sundays; outdoors; must be obliging and good salesman; salary £2. State firms been with to Fayne, Pharmaceutical Chemist, Maidstone.

NEWCASTLE, STAFFS.—At once, Junior Assistant (outdoors) for good-class Retail and Dispensing. Send photo, salary required, and references, to Poole & Son, 47 High Street.

PARIS.—Qualified Assistant; age about 25; Continental experience; knowledge of French indispensable. Address, "Talcum" (257/5), Office of this Paper.

PLUMSTEAD, S.E.—Qualified Manager, immediately after Christmas; outdoors; must be good practical Photographer and understand the Photographic trade; also smart JUNIOR (outdoors), for Dispensing and Photographic business. Apply, A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E.

RIVIERA.—Assistant for the season; age about 28 to 30; tall. Send full particulars and photo (to be returned) to Metcalfe, Rondet & Co., 77 Rue d'Antibes, Cannes, France.

SOUTHAMPTON.—Wanted, Managing Assistant, good Counter-man, experience of Photography and Optics desirable, for beginning of New Year. Full particulars to W. Bates & Co., Ltd., 50 Oxford Street, Southampton.

SUTTON, Surrey.—Junior Assistant for good-class Dispensing business; knowledge of Photography essential; indoors. Stephenson, 31 High Street, Sutton.

WESTON-SUPER-MARE.—Wanted, Assistant, about the end of December, in good-class Dispensing business. State age, height, and salary (indoor), and experience. Enclose photo if possible, G. S. Ball, Pharmaceutical Chemist, Weston-super-Mare.

WORCESTER.—Wanted, Junior for Light Retail and Dispensing business; half-holiday; comfortable home; duty divided into three; good-class experience essential. W. T. Hornblow & Son, Chemists, Worcester.

YORKSHIRE.—Unqualified Assistant, with Agricultural and good general experience; salary 30s. per week (outdoors); short hours; no Sunday duty; half-day weekly. 66/25, Office of this Paper.

YORKSHIRE.—Wanted, at once, Assistant for small Branch; outdoors. Enclose photo and state salary to 64/13, Office of this Paper.

FIRST week in January.—Gentlemanly Assistant (with Minor qualification preferred) for Light Retail and Dispensing business, with Photography. Please state age, height, and salary required (outdoors), with references, to J. H. Leech, The University Pharmacy, 36 Trinity Street, Cambridge.

FOR January 3, competent Assistant; indoors; Light Retail, Dispensing, and Stock; one kept; age over 22 years; interview preferred. If applying by letter state exact amount of previous experience and usual particulars to T. Bright, Pharmacist, 168 Church Road, Willesden, N.W.

JUNIOR Assistant (indoors), aged about 20, for a good-class business. State experience, salary required, and whether possessing a knowledge of Photography, to S. T. Milbank, Pharmaceutical Chemist, Bishop Stortford.

JUNIOR German Assistant wanted for City Pharmacy. Apply to "H. L.," 55 Fore Street, London, E.C.

LEWIS & BURROWS have a vacancy for a smart unqualified Assistant; must be accustomed to quick trade. If application is made by letter please state full particulars, enclosing photograph, to 146 Holborn Bars, E.C.

MANAGER, qualified, for small Branch. Enclose photograph, state salary required, to James E. Houseman, 19/21 Ifield Street, London, N.

MANAGER, with view to early succession; handsome Pharmacy in busy main thoroughfare in outskirts of London; nice house; splendid opportunity for smart man with small capital. 67/4, Office of this Paper.

QUALIFIED Assistant required (indoors) for Mixed Business; Sundays and half-day a week free. Merry & Parker, Ilkeston.

STUDYING Assistant, immediately; only Assistants able to start at once need apply; either every afternoon off for study or the whole of Wednesday and Thursday to attend College of Pharmacy; salary £20 (indoors). Give fullest particulars in first letter, and photo (returnable), Belsher, Chemist, Bloxwich.

WANTED, a gentlemanly unqualified Junior or Improver; indoors; hours of business easy; weekly half-holiday and no Sunday duty; comfortable home. Apply, with full particulars as to age, salary required, when disengaged, enclosing references and photo (to be returned), E. Gittins, Chemist and Optician, 7 Market Square, Buckingham.

WANTED, qualified gentlemanly Assistant; indoors; situation especially suitable to one desiring experience in Dispensing. Apply, sending all particulars, to 61/35, Office of this Paper.

WANTED, at once, smart up-to-date qualified man as Manager of a business situate in the Manchester district; splendid opportunity for married man desirous of getting on. State age, full experience, and give three references, 258/73, Office of this Paper.

WANTED, at once, a qualified Branch Manager; must have first-class Store experience, and whose character will bear the strictest investigation. Apply, stating full particulars, including positions occupied for the last 6 years, salary required, and enclosing a recent photo, to 62/34, Office of this Paper.

27/6 week; outdoors; Third Assistant wanted, early in January; age not under 25. "Cardiff" (63/7), Office of this Paper.

SITUATIONS OPEN—cont.

WHOLESALE.

ADVERTISING.—Vacancies occur in Advertisement Department of large private firm in London for young gentlemen with Pharmaceutical Training, combined with:

1. Experience, of, or in the Far East; or
2. Experience in Compiling Catalogues, Pamphlets, and other Advertising printed matter; or
3. Knowledge of Modern Languages, or experience in Continental Pharmacies; or
4. Experience or training in Display Advertising.

Applicants must give full details of experience, age, and salary required. Address "A. V." (254/5), Office of this Paper.

EXPERIENCED Clerk, capable of taking charge of office staff, required for Manufacturing Chemists' city office; ability and first-class references essential. Reply, in handwriting, with full particulars of past experience and salary required, to "X." (67/13), Office of this Paper.

REPRESENTATIVES wanted to carry first-class, fairly well-known article as Side-line; small weekly salary and good commission given; state area covered. 62/40, Office of this Paper.

SURGICAL INSTRUMENTS.—Assistant familiar with these and Sundries in London Export Druggists' business; age about 25; state salary and experience. Apply. 253/33, Office of this Paper.

SURGICAL INSTRUMENTS (important, permanent, progressive position).—Wanted, a really smart, well-educated gentleman with sound knowledge of Surgical-instruments, Appliances, and Surgical-fittings; duties to wait upon the Medical Profession in salesroom and supervise Postal Despatches; London (high-class) experience essential. Applications (with photo), Philip Harris & Co., Ltd., Surgical Instrument Makers and Pharmaceutical Specialists, Birmingham.

TRAVELLERS throughout Great Britain and Ireland; must have first-class connection; offer to trade in matter, get up, and profits unprecedented; large commission; original orders and repeats. State houses represented, ground covered. "T." c/o Capel & Co., 8 South Street, Finsbury, E.C.

TURPENTINE and Wood Tar.—Traveller wanted with connection among Wholesale Buyers to Represent Merchants and sell in bulk the above commodities imported from Russia. Apply, by letter, stating full particulars, experience, ground, turnover, age, salary etc., 51/27, Office of this Paper.

WANTED, an experienced Capsule-maker for a firm of Wholesale Druggists in the Manchester district; must be fully acquainted with the Manufacture of Hand-made Flexible Gelatine Capsules. Apply, with full particulars of previous experience, wages required, etc., to 64/17, Office of this Paper.

WANTED, by old-established Essence house, a smart, young, up-to-date Representative for South of England to call upon Aerated-water Makers and Confectioners. State usual particulars. 256/69, Office of this Paper.

WANTED, one well up in Counting-house work, Checking of Stocks, etc., with a good knowledge of the Drysaltery trade; good disciplinarian; abstainer preferred. Address, giving fullest possible particulars as to age, experience, salary expected, etc., to "Sundries," c/o J. W. Vickers & Co., 5 Nicholas Lane, E.C.

BUSINESSES WANTED.

ADVERTISER, unqualified, desires to meet with a Mixed Business, with Drugs, but not poisons; not a Chemist's business or a business without a shop; good house; country district preferred; about £250 at command. State full particulars, in confidence, to 59/2, Office of this Paper.

WANTED, a Business returning about £1,000 per annum; not London; cash ready. Full particulars, in confidence, "H. C." (64/3), Office of this Paper.

MESSRS. BERDOE & FISH have a large number of clients unsuited, requiring to purchase Businesses returning £800 to £1,200 in the Midlands and Southern Counties; cash buyers only are introduced, and strictest privacy can be relied upon. Confidential particulars should be sent to Berdoe & Fish, 35 Jewry Street, Fenchurch Street, E.C.

SMALL Drug-store wanted, country or country town, with guaranteed living profit and accommodation for a small family; show good reasons for selling; no broken-down businesses entertained. Apply, "Statum" (59/40), Office of this Paper.

WANTED, to take over a small Business early in January; neglected one not objected to; good windows; cash ready £150, remainder by instalments; London preferred, but not essential; please state returns and net profit before interview. Address, "Pharmacist" (61/28), Office of this Paper.

WANTED, a genuine Business, in good locality, showing an annual net profit of not less than from £250 to £300; cash ready for sound concern. Send full particulars, in confidence, 62/39, Office of this Paper.

ADVERTISER will pay £5 (if acted on) for information of a good opening for a Chemist. "Statum" (64/03), Office of this Paper.

SITUATIONS WANTED

(Colonial, Indian, and Foreign).

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid. Replies addressed to this office will be forwarded to the advertiser for an additional charge of 6d.

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad

FRANCE or French Switzerland.—A qualified German Assistant desires a situation for January 1 in either country; one year's London experience; well up in English Dispensing and Retail; good references. Gingele, 149 Houndsditch, London, E.C.

SOUTH AFRICA.—Situation in busy town. Progressive salary required; qualified; 27; Retail; first-class experience; Photography, Optics; references. 61/31, Office of this Paper.

QUALIFIED lady Dispenser desires position in France or Switzerland; bookkeeping; excellent references; 7 years' experience. "Dispenser," 6 London Grove, Princes Park, Liverpool.

WORK Chemist, Manager, Representative; 15 years' London and provincial Wholesale experience; experienced equipping Laboratories and commencing Manufacturing "Chemist," 14 Stirling Road, Birmingham.

SITUATIONS WANTED

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.

[HOME.] RETAIL.

LOCUM or Manager; qualified; recent references. Padwick, 52 Revelstoke Road, Southfields, S.W.

ELDERLY qualified Manager; permanency; single; active; Pre-riber. "R. S." 4 Museum Street, W.C.

ASSISTANT-MANAGER; unqualified; 24; good references. Normanby, 3 Granville Street, Monton, Eccles.

QUALIFIED; 27; Manager or Locum; London only; low salary for good-class business. 67/12, Office of this Paper.

ASSISTANT, Dispensing and Retail, unqualified, desires situation until Christmas. Wetton, White Street, Coventry.

QUALIFIED; 28; 10 years' London experience; outdoors; Manager or Senior. "Felix" (48/34), Office of this Paper.

UNQUALIFIED; disengaged; middle-aged; tall; cheap; competent. "Chemicus," 137 Humber Road, Westcombe Park, S.E.

SENIOR or Manager; up-to-date Store experience; good Counter and Window-dresser. "Chemist," 24 Salisbury Road, Leyton, E.

MANAGER or Senior; 28; married; Counter, Photo, Dispensing, Optics; all-round experience. Bird, Dunleath, Manor Road, Romford.

DISPENSER (lady) desires post; Hall qualification; references. 58/37, Office of this Paper.

UNQUALIFIED; 19 years' good experience, London, etc. "Chemist," 35 Crescent Grove, Clapham.

SURGEONS.—Dispenser and Bookkeeper; experienced. "A. B.," 5 Salomons Road, Victoria Docks, E.

MANAGER or Assistant, with view to succession; Birmingham preferred. 61/29, Office of this Paper.

BRANCH Manager or Senior; disengaged; abstainer; references. "Phenacetin," 32 Albion Road, Rochdale.

ASSISTANT, unqualified, experienced, seeks situation; good Dispenser. Reynolds, 33 Melbourne Road, Ilford.

JUNIOR, 4 years' experience, desires engagement immediately. "W. J. W.," 39 Irene Road, Parsons Green, London.

ASSISTANT, Locum, Manager; capable; Sine diploma; 40; disengaged. "Anthraxol," 10 Alfred Road, Stratford.

VERY moderate terms; Manage small Mixed Branch; view to purchase or otherwise. 58/38, Office of this Paper.

PERMANENCY or Temporary; unqualified; 32; experienced; abstainer. Kellard, 45 Whiskin Street, Clerkenwell, E.C.

ASSISTANT, with varied experience, seeks employment, any capacity. "V.," 77 Bennerley Road, Clapham Junction.

MANAGER; permanency; middle-aged; qualified; abstainer; Store experience. "M. H.," 10 Raby Street, Darlington.

15 YEARS' experience, Dispensing, Photography, Counter, Window, Extractor; unqualified. Brown, Chemist, Brigg.

25; qualified; good experience; Dispensing, Photography; abstainer; disengaged. P. Wesley, 4 South Parade, Fenzance.

MANAGER, Locum, or Relief; reliable, competent; excellent references. "Pharmacist," 33 Foskett Road, Hurlingham, S.W.

MANAGER, Assistant, or Locum; qualified; 35; good varied experience and references. Pamley, 155 Church Street, Paddington, W.

UNQUALIFIED; 22; disengaged; Wholesale and Store experience; good Window-dresser. "W. P.," 35 Newlands Road, Norbury, S.W.

RELIABLE Assistant; unqualified; 26½; 8 years' London and provincial Store experience; Photography. "Ebor," 40a Holloway Road, London.

WANTED, situation as qualified Dispenser; used to Surgery work. Tooth Extraction; good references and reliable. "Dispenser," c/o Spurr, M.P.S., Huddersfield.

JUNIOR; 19; tall; disengaged Christmas; Dispensing business in London or large provincial town preferred; permanency; abstainer. Daws, 17 Parade, Felixstowe.

JUNIOR; 22; tall; all-round experience; Dispensing, Counter, Photography; abstainer; outdoors; Birmingham or Midlands preferred. Perry, 18 Gaoigate Street, Stafford.

SWISS Chemist, examination Braunschweig, experiences Germany and French-Switzerland (aged 23), excellent references, would give time. Taeschler, 31 Inchmery Road, Catford, S.E.

DISPENSER and Surgery Assistant seeks situation; any part; long experience every branch; 4 years' testimonials from Medical Officer of Factories. 59/31, Office of this Paper.

ASSISTANT; unqualified; 27; tall; Dispensing, Counter, Photographics, Window-dressing, and Stockkeeper; experienced; references; disengaged. Ellis, 54 Park Avenue, Mitcham.

QUALIFIED; Manager or Senior; married; good references; experience in high-class Dispensing and Family Retail; knowledge Photography. "Promptly," 9 Rotunda Terrace, Cheltenham.

MANAGER, qualified (29), married, disengaged, Dispensing, Prescribing, Optics, Photography, Truss, Surgical Hosiery Fitting, desires permanency high-class Pharmacy. "Chemist," 65 Amhurst Road, N.E.

JUNIOR; 21; tall; disengaged; Photography. Goulden, 22 Fratt Street, Lambeth Road, S.E.

DISENGAGED; unqualified; several years' experience. R. M. Lelian, 2 Rockville, Hautville, Guernsey.

ABSTAINER; 7½ years' experience; 5 ft. 8 in.; 22; all-round experience. 31 William Street, Tunbridge Wells.

DISENGAGED; unqualified; 38; 16 years' London experience; any locality. Fletcher, Black Horse Yard, Whitby.

MANAGER; tall; 36; best experience; married; permanency; disengaged. "Pharmacist," Kendall, Myton-on-Swale, York.

QUALIFIED; 34; Manager or Senior, or with view to succession; Dispensing, Optics, Photography. "F. P.," 65 Castle Street, Luton.

LOCUM or Manager; qualified; wide experience, both London and country; good references. "Pharmacist," 208 Fawcett Road, Portsmouth.

CAPABLE Assistant; 36; smart, energetic; Counter, Prescribing, and Dispensing; unqualified. "Aspirin," 51 Estate Buildings, Railway Street, Huddersfield.

RETIRED qualified Chemist, tired of idle life, seeks position of trust in comfortable house; excellent testimonials; small salary. Henderson, East Lynne, Llandudno.

SHORT hours or part time; in London; 27; good Dispensing experience; Photography; 3½ years in present situation. Mellor, 55 Bohemia Road, St. Leonards-on-Sea.

FEW hours' daily employment in London; 35; qualified; thorough all-round experience; good references. "Pharmacist," 8 Altenburg Gardens, Clapham Common, S.W.

DISPENSER (lady), with Hall qualifications, desires Part-time post, either in Institution or with Medical man, in or near London. "K." (63/17), Office of this Paper.

QUALIFIED, Manager, Locum, or Senior, last situation 4 years Manager large branch, seeking good engagement; references. "Experience" (64/40), Office of this Paper.

PART-TIME engagement wanted with Chemist or Doctor in or near Stourbridge; good references; Extractor. R. Francis Oliver, Wesley Manse, Darlaston, Wednesbury.

JUNIOR; 19½; 3 years' experience, Dispensing, Photography, Extracting, and Window-dressing; Optics a speciality. Frank S. Oliver, Wesley Manse, Darlaston, Wednesbury.

DISENGAGED; Branch or otherwise; unqualified; moderate salary; married, no family; London or suburbs preferred; highest references. "Codex," 5 Evangelist Road, N.W.

JUNIOR; 22; 5½ years' good all-round experience; Counter, Windows, Photographics, etc.; good reference; disengaged; unqualified; abstainer. "Rex," 22 Morrill Street, Hull.

ANALYTICAL Chemist, out of touch with Pharmaceutical side for some years (has served apprenticeship), desires situation with Pharmacist. "X.," 66 Frostom's Road, Workington, Cumberland.

SMART unqualified Assistant (26 years), tall, seeks re-engagement; good Counterman and Window-dresser, Photographic; disengaged. "A. S. H.," 1 Admiral Terrace, Edinburgh Road, Nottingham.

UNQUALIFIED; disengaged; 30; single; Dispensing, Photography; counter, window-dressing, stock; outdoors; all-round useful Assistant; London or Midland Counties. Stansfield, Laurel Grove, Southport.

MANAGER, Locum, Relief; qualified; exceptionally good all-round experience; excellent references; thoroughly reliable and trustworthy; disengaged. "Aspirin," 102 Briscoe Mansions, Brixton Hill, S.W.

IMMEDIATELY, unqualified, smart, experienced Assistant desires re-engagement; quick Dispenser, Counterman, Photographic; aged 30; single; highly recommended; outdoors. "S.," 35 Littlebarn Road, Southport.

SITUATIONS WANTED *(continued).*

LOCUM; qualified; first-class references; experienced. Fur Cottage, Cheadle Hulme, Cheshire.

ASSISTANT; 26; good experience. Address, Robins, 10 Redvers Road, Chalk Pit Hill, Chatham.

JUNIOR; tall; good Counter experience; excellent references. Boocock, Lune Street, Colne, Lancashire.

QUALIFIED; under 30; business ability and first-class experience. "Chemist," 52 Lonsdale Street, Accrington.

CAPABLE Assistant; 27; smart Counterman; accurate Dispenser, "Prescriber," 76 Hartington Street, Bedford.

LADY Pharmacist requires post, Doctor, Chemist, or Institution; reliable; experienced. 63/25, Office of this Paper.

JUNIOR; 20; 5 years' good General experience; knowledge of Photography. J. Roberts, 119 Bury New Road, Bolton.

DISPENSER, Bookkeeper; young; well recommended; disengaged. Bailey, Holmlea, Sydney Road, New Southgate.

MANAGER or Locum; 50; reliable; competent; excellent experience; highly recommended. 62/36, Office of this Paper.

JUNIOR; 23; first-class Dispensing experience; shortly disengaged. F. Williams, Roslin, Elgin Road, Wallington, Surrey.

QUALIFIED; 24; abstainer; good experience and references; disengaged. Thomas, 294 Trinity Road, Wandsworth Common.

JUNIOR; 22; 5 ft. 9½ in. height; 5½ years' good general experience; excellent references. "Salicin," 14 Caledonia Street, Liverpool.

UNQUALIFIED; 25; first-class experience, Dispensing, Store, window-dresser. "Robert," c/o Scott, 2 London Road, Edinburgh.

MANAGER; qualified; 27; tall; married; abstainer; excellent references; permanency; North preferred. 63/6, Office of this Paper.

PART-TIME Assistant, with first-class West-end experience, seeks engagement; tall. Apply, "G.," 7 Trevor Square, Knightsbridge.

PHARMACIST; Senior or Manager; smart counterman; Dispenser, Photographic; good all-round man. "F. H. K.," 10 Prideaux Road, Stockwell, S.W.

UNQUALIFIED Assistant can be well recommended; London or suburbs; 35 years' experience. Address, "C. E. B. B.," 386 Kingsland Road, N.E.

MANAGER; indoors or outdoors; qualified; tall; first-class experience and references; disengaged. "F.," Avondale House, Avondale Road, Mortlake.

QUALIFIED Manager (middle age) desires situation; good references; accept small salary in comfortable place. "Spiro" (63/34), Office of this Paper.

LIVERPOOL or Manchester.—Manager, Senior; qualified; 26; excellent references; good experience; outdoors. "Hodeum" (64/25), Office of this Paper.

ASSISTANT; unqualified; aged 50; good Counterman; Store experience; London preferred; highest references. "Statim" 145 Fore Street, Upper Edmonton, N.

ITALIAN, qualified (50), speaking French and English, single, tall, good references and experience, now disengaged, moderate salary, desires situation in England. Offers, Cottini, Corso Vittorio Emanuele 108, Turin.

UNQUALIFIED experienced Assistant (26) seeks permanency; married; 10 years' experience in high-class Pharmacies; Dispenser, Prescriber, Photographic; trustworthy. "B.," Cotswold Villa, Frenchay, Bristol.

ASSISTANT (23), 7 years' all-round experience, seeks part-time in London, near Colleges, two or three evenings and Sundays; commence January 1; highest references. "Trianol," 716 Ashton New Road, Clayton, Manchester.

UNQUALIFIED; aged 30; single; disengaged; accustomed to taking charge; Dispensing, Prescribing, Photography, Counter; highest references; outdoors; fair salary required for good work. 63/39, Office of this Paper.

OUTDOORS; disengaged; good working Assistant; 48; single; unqualified; thoroughly experienced; Branch, temporary or permanency; excellent references; abstainer. "Energetic," 5 Beaconsfield Cottages, Hillingdon, Middlesex.

ELDERLY gentleman seeks a situation in Chemist's or Drug-stores, permanent or locum, where qualification is necessary; long experience, also as medical assistant; exceptional references; at liberty at once. Hake, 14 Bentinck Street, Birkenhead.

WHOLESALE.

CLERK.—Young man, smart, energetic, requires situation; good experience; excellent references. 63/20, Office of this Paper.

LABORATORY Help.—Well-educated youth desires situation as helper in the Analytical Laboratory of a Wholesale house. 229/34, Office of this Paper.

WEST OF ENGLAND.—Advertiser, first-class connection medical men and trade, successful interviewer, desires change. Address, "System," "Rushworth," Newton Abbot.

GENTLEMAN possessing Public School education, Pharmaceutical training, and connection with Medical men, wishes to Represent good firm. 66/32, Office of this Paper.

REPRESENTATIVE.—Qualified Chemist requires re-engagement; connection mostly Medical men; W. and N.W. London. J. Napier, Park House, Park Road, East Twickenham.

PERFUMER, Analytical Chemist, thoroughly experienced, very successful New Blends, desires appointment; would undertake Management of new department. 56/21, Office of this Paper.

PHARMACEUTICAL Chemist (28) desires to travel; good appearance and address; possesses business ability and tact; would accept small salary to commence. 66/26, Office of this Paper.

FOREWOMAN.—Young lady in charge of girls' workroom, large Wholesale Chemists, wants similar position; testimonials and references will be found satisfactory. 66/27, Office of this Paper.

REPRESENTATIVE; disengaged; excellent connection Yorkshire, North, East, and part West Ridings, Chemists and Doctors; Drugs, Sundries, or Instruments. Apply, 64/21, Office of this Paper.

EXPERIENCED Traveller desires engagement with an established firm who wish to be well represented; satisfactory references from present and past employers. Address, "Alpha," c/o Mr. W. H. Noon, 69 High Holborn, W.C.

PHARMACIST (29), 4 years' control Laboratory and Stores and Manufacture of Galenicals, standardisation, requires position with firm requiring initiative and ability and giving opportunities of advancement. "Fiat" (67/7), Office of this Paper.

YOUNG Druggist, German, having been some time in France and Switzerland, speaking French fluently and also a little English, desires situation in the English Drug-trade. Address, Z 2501, au Hausenstein & Vogler, A.-G., Chemists, Saxony.

WORKS Manager or Analyst; General Manufacturing and Commercial experience; Galenicals, Fine Chemicals, Confectioners' and Brewers' Materials; Surgical Instruments. Apply, in confidence, "Demonstrator" (64/37), Office of this Paper.

PHARMACEUTICAL Chemist seeks vacancy as Representative or Manager (Yorkshire preferred), where strict integrity, tact, and energy would meet with suitable remuneration; abundant references; first-class Prescriber. Frankland, 1 Oxford Place, Leeds.

MAN (young) seeks situation as Checker in Wholesale Patents, or unqualified Assistant; used to command of Despatch Department; 5 years' experience in managing men and boys; thorough knowledge of foreign Patents and Agencies. 42/38, Office of this Paper.

ADVERTISER (26) desires re-engagement in Wholesale Drug-house, preferably North of England or Scotland; 12 years' experience in the trade; possesses all-round Office experience, Invoicing, Ledger work (Bought and Sales), Correspondence, etc.; moderate salary; references and copies of testimonials on application. 53/35, Office of this Paper.

MISCELLANEOUS.

FOREIGN firm, wanting to undertake Manufacture of high-class Proprietary Articles already well introduced in England and abroad, seeks Capitalists who would join with not less than £1,000, to form limited company; own investment £10,000; offer of active investor considered; first-class references given and required. Address, "G. B." (251/4), Office of this Paper.

MCADAM & TUCKNISS, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone: 81a Lee Green.

SHARES FOR SALE (free of commission, subject).—120 C. Ash 5½ per cent. Preference, 23s. 3d., c.d.; 10 Benger's Preference, £5 17s.; 200 J. C. & J. Field Ordinary, 5s. 9d., 150 7 per cent. Preference, 14s. 10½d.; 200 Iford Ordinary, 17s. 6d., c.d.; 100 Idris "A" 6 per cent. Preference, 4s. 10½d.; 10 Wright, Layman & Umney 6 per cent. Preference, 22s.; 200 A. J. White Ordinary, 2s. 3d.; 75 Fuller's Earth Preference, 19s. 3d.; 100 Parke's Drug 6 per cent. Preference, 15s. 9d.; 200 Sapon Preference, 15s. 9d.

WANTED (subject).—200 Allen & Hanbury "B" Preference, 22s. 10½d.; 100 Wright, Layman Preference, 21s.; 500 Lewis & Burrows Ordinary, 2s.

List of shares for sale and wanted sent free on application. Bankers, London County and Westminster. Established 1898.

SECOND-HAND bargains (ready to be sent off at once).—17-ft. mahogany Counter, glass cases in front, £10 10s.; 18-ft. ditto, £10; 12-ft. ditto, £8 10s.; 6-ft. mahogany and plate-glass Counter-case, 84s.; 5-ft. ditto, 75s.; Perfume-case, 25s.; also 250 others; Screens, Fittings, Wall-cases, etc., etc. See page 4 of this week's issue. Write for particulars of what you want to **PHILIP JOSEPHS**, 93 Old Street, London, E.C. 9057 London Wall.

CHEMISTS' SHOP-FITTINGS (SECOND-HAND).—Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; mahogany dispensing-screens, counters with glass-case fronts, wall-cases, bent-front and flat-top counter-cases, counter-desks, tooth-brush cases, complete shop-rounds, etc.; every requisite for chemists; extensive stock to select from at extremely low prices; practical men sent to all parts; illustrated catalogues and estimates free. **MATTHEWS, CHEMISTS' FITTER**, 14 and 16 MANCHESTER STREET, LIVERPOOL.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. **RUDDUCK & CO.**, 262 OLD STREET, E.C.

A.B.C. System of Accounts for Chemists; knowledge of Book-keeping unnecessary; works out gross and net profits, balance-sheet, and income-tax statement with guaranteed certainty; Seventh Edition; does unfailing justice to the man and his business. Particulars and testimonials free, **McQueen & Co.**, Moat Road, E., Leicester.

Dose Tables for Students of Pharmacy.

A TWENTY-FOUR page booklet showing the adult doses in ordinary cases of the principal medicinal agents, with metric equivalents for dispensing and a complete table of atomic weights, comprising the B.P. figures, and the International Committee's latest pronouncements (O=16 and H=1). The booklet measures 4 in. by 2½ in., and can be carried in the vest pocket. To be obtained from **THE CHEMIST AND DRUGGIST** (Book Department), 42 Cannon Street, London, E.C., for **THREE PENNY STAMPS PER COPY**, POST FREE.

CHEMISTS' FITTINGS.—SECOND-HAND, high-class bargains to clear.—14-ft. Drug-fitting, fitted 60 Drawers, with glass Labels, Glass Knobs, Bottle Lockers, Mirror Poison-cupboard, Bottle-shelves, and Cornice; 6-ft. complete Mahogany Dispensing-screen and Counter, including Sponge-case; 8-ft. Wall-case, bottom and top part, Mirror Recess; 10-ft. glass-fronted Serving-counter, Perfumery-case, and Desk, mahogany and bent plate-glass Counter-case; the lot £49 10s.; estimates free. **H. Mills, Chemists' Complete Shop-fitter and Shop-front Builder**, Steam Works, 163 and 165 Old Street, E.C.

TO Trustees, Executors, Liquidators, and others.—Immediate cash to any amount for all descriptions of Chemists' Stocks, Fittings, Fixtures, Wholesalers' Oddments, and Druggists' Sundries; best prices given; cash advanced for any solvent business which can show a good turnover. Apply, in confidence, to **J. H. Hemmings**, 2 Seylla Road, Peckham Rye, S.E.

POISONS SCHEDULE, according to the New Act, reprinted from **THE CHEMIST AND DRUGGIST** with a supplementary list of admixtures, preparations, and other articles brought within the Schedule. On a card (Schedule in front, list at the back) to hang up; price 6d., post free from the Office of the **C. & D.**, 42 Cannon Street, London, E.C.; or at the published price (4d.) from the leading Wholesale houses.

EGG-LAYING SPICE.—To the Chemists who purchased my cod-liver oil emulsion formula some time ago and others I am offering an egg-laying spice formula that really gives results; have proved it with my own hens, getting 500 eggs from June 1 to October 31 with 6 hens (see notice in *Feathered World*, November 12, 1909); every Chemist should pack and sell this spice; it gives a good profit and is sure to sell well. Price of formula, with instructions for feeding, 3s. 6d., from **R. H. Archer**, 4 Station Parade, Gerrard's Cross, Bucks.

PHARMACIST, in good-class district in Manchester, willing to take Christmas Perfumes on sale or return one month. Address, "Perf." (66/37), Office of this Paper.

CHRISTMAS IS NOW FAST APPROACHING.

For this I have a special advertising scheme, and attractive window displays. If you wish for a mechanical one, can supply you with that too. These are refined, attractive and business-pulling ideas, suitable for a good-class Pharmacy. Please note I never recommend anything bordering on the catchpenny variety. Booklet, "HOW TO INCREASE YOUR BUSINESS," sent post free to Pharmacists on receipt of postcard.

See Businesses for Sale for further advt.

J. R. B. ALLISON, Pharmacist & Business Specialist, RETFORD.

JOHN PARKES & CO.

PRIORY WORKS, WARWICK

Beg to state they have purchased the Letter Press Printing Business and Plant of **MARTIN NEWWEY**, 14 New Street, Birmingham, and are prepared to execute a select amount of work for their regular customers and others. Enquiries solicited.

SPECIALTIES: Handbills, Memo Forms, Bill-heads, and all advertising Matter.

A South of England Client

Writes: "I suggest that you should make it clearer in your advertisements that not only do you find the four monthly ideas, but that all the work in connection with same is done by yourself and staff, and that your clients have nothing to do but serve more customers and scoop in the results of your brains and work."—(Not by B. S.: This is so. I send you 52 ideas per annum, a free and much appreciated magazine, "BUSINESS HELP," carry out all the ideas except the window dressing and delivery of my own particular business-compelling printing, which rarely takes the form of handbills. Unlimited correspondence, debts collected, county court summonses issued for you, &c. In fact anything that will increase the business is included in my modest fee. **ASK FOR BOOKLET NOW.**)

BERNARD SLACK,

Princes Chambers, Wolverhampton.

What are your Plans for Xmas?

Are you making any special efforts to secure your full share of the "Christmas Present" trade? If so, we can help you. We have just prepared an Illustrated List showing over 100 Designs in "Christmas Present" Posters and Showcards that will make your window bright and attractive, and suggest your goods as a solution of the Christmas Present difficulty to every passer by. Write for it to-day; it is free for asking.

DUDLEY & CO., Window Ticket Experts, HOLLOWAY, LONDON.

PHOTOGRAPHS AND TESTIMONIALS—Assistants should not send their photographs to advertisers of Situations Open unless they are specially requested to do so, and then enclose a stamp for return. In no case should the originals of testimonials be sent; copies suffice until negotiations are approaching completion, when the originals may be submitted at the employer's risk.

MISCELLANEOUS.

MCADAM & TUCKNISS, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone: 414 Lee Green.

SHARES FOR SALE (free of commission, subject).—105 Allen & Hamburys "B" 6 per cent. Preference, 23s. 7½d.; 100 Sanitas, 22s.; 20 Brunner Mond, 106s. 3d. o.d.; 100 Idris "A" 6 per cent. Preference, 5s. 3d.

WANTED (subject).—Camwal Preference; 100 Wright, Layman & Unney Preference at 20s. 6d.

List of shares for sale and wanted sent free on application.
Bankers, London County and Westminster. Established 1898.

CHEMIST'S high-class Fittings, cleared from 176 High Road, Streatham, only in use 5 years; wall-fitting, 40 ft. long, with drawers, with glass knobs and tablets, with handsome over-pediment and clock in centre, can be divided into 3 sections: a chemistry counter with plate-glass doors in front, drawers and shelves at back; 22 ft. long; perfumery wallcase, 15 ft. long by 9 ft. high, fitted with plate-glass doors top and bottom; several counter-cases and other fittings; cheap to clear; room wanted. Radin & Co., 384 Old Street, adjoining Shoreditch Town Hall, London. Telephone 5187 Central.

A.B.C. System of Accounts for Chemists; knowledge of Book-keeping unnecessary; works out gross and net profits, balance-sheet, and income-tax statement with guaranteed certainty; Seventh Edition; does unflinching justice to the man and his business. Particulars and testimonials free, McQueen & Co., Moat Road E. Leicester.

£50.—COMPLETE FITTINGS FOR CHEMIST'S SHOP; as good as new and ready for immediate despatch; 10-ft. Wall-case, Mirror Centre, and Re-ess; 12-ft. Drug-fitting, Glass Labels and Knobs; 10-ft. Mahogany and Plate-glass Counter; 6-ft. very handsome Screen and Counter; Bent Plate-glass Counter-case; Perfume-case and Desk; nest of Counter-drawers; a great bargain. PHILIP JOSEPHS & SONS, 93 Old Street, London, E.C.

CHEMISTS' FITTINGS.—SECOND-HAND, high-class bargains to clear.—34 ft. Drug-fitting, fitted 60 Drawers, with glass Labels, glass Knobs, Bottle Lockers, Mirror, Poison-cupboard, Bottle-shelf, and Cornice; 6 ft. complete Mahogany Dispensing-screen and Counter, including Sponge-case; 8 ft. Wall-case, with top part, Mirror Recess; 10 ft. glass-fronted Serving-counter, Perfumery-case and Desk, mahogany and bent plate-glass Counter-case; the lot £49 10s.; estimates free. H. Mills, Chemists' Complete Shop-fitter and Shop-builder, Steam Works, 163 and 165 Old Street, E.C.

CHEMISTS' SHOP-FITTINGS (SECOND-HAND). — Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; mahogany dispensing-screens, counters with glass-case fronts, wall-cases, bent-front and flat-top counter-cases, counter-desks, tooth-brush cases, complete shop-rounds, etc.; every requisite for chemists; extensive stock to select from at extremely low prices; practical men sent to all parts; illustrated catalogues and estimates free. **MATTHEWS, CHEMISTS' FITTER, 14 and 16 MANCHESTER STREET, LIVERPOOL.**

Dose Tables for Students of Pharmacy.

A TWENTY-FOUR page booklet showing the adult doses in ordinary cases of the principal medicinal agents, with metric equivalents for dispensing and a complete table of atomic weights, comprising the B.P. figures, and the International Committee's latest pronouncements ($O=16$ and $H=1$). The booklet measures 4 in. by 2½ in., and can be carried in the vest pocket. To be obtained from THE CHEMIST AND DRUGGIST (Book Department), 42 Cannon Street, London, E.C., for THREE PENNY STAMPS PER COPY, POST FREE.

THERE ARE MANY SCHEMES FOR XMAS

advertising, but few which are really suitable for Pharmacists. What you want is a striking artistic one, a bit out of the ordinary, and that is what I have ready for you. The expense is just what you are prepared to spend. Every one in the town will talk about it, the result being more business for you. **Now** is the time to join, if you want it. Booklet "HOW TO INCREASE YOUR BUSINESS" post free to Pharmacists; write for a copy to night.

J. R. B. ALLISON, Pharmacist & Business Specialist. RETFORD.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. **RUDDUCK & CO., 262 OLD STREET, E.C.**

POISONS SCHEDULE, *according to the New Act*, reprinted from THE CHEMIST AND DRUGGIST, with a supplementary list of admixtures, preparations, and other articles brought within the Schedule. On a card (Schedule in front, list at the back) to hang up; price 6d., post free, from the Office of the C. & D., 42 CANNON Street, London, E.C.; or at the published price (4d.) from the leading Wholesale houses.

TO Trustees, Executors, Liquidators, and others.—Immediate cash to any amount for all descriptions of Chemists' Stocks, Fittings, Fixtures, Wholesalers' Oddments, and Druggists' Sundries; best prices given; cash advanced for any solvent business which can show a good turnover. Apply, in confidence, to J. H. Hemmings, 2 Seylla Road, Peckham Rye, S.E.



1/3

GUMMED PRICE TICKETS

Crimson ground, white figures.
 Stocked in all usual prices up
 to 21/-, each price banded
 separately in hundreds.

— The Midget, 9d. per 1,000
 The Magnum, 1 6

assorted 10 prices

Full illustrated list of Blanks
 for use with these tickets free
 on application.



10^d

DUDLEY & CO., Ticket Writers & Printers, Holloway, London

JOHN PARKES & CO.
PRIORY WORKS, WARWICK

Beg to state they have purchased the Letter Press Printing Business and Plant of MARTIN NEWBY, 14 New Street, Birmingham, and are prepared to execute a select amount of work for their regular customers and others. Enquiries solicited.

SPECIALTIES: Handbills, Memo Forms, Bill-heads, and all advertising Matter.

NOW CHEMISTS! Be enterprising, confident, pushful. It is an admitted fact that systematic billing **beats** newspaper ads. Do it regularly. Get the attention and **success** assured. If you haven't the time for, or knack of composing your own bills, **WRITE ME**. No matter what line. **Originality** is my Key-note. Ignore travellers' stock bills. **EVERYONE HAS THEM**. I am specialising three bills at present: (1) **INFLUENZA**—my client sold **300 bottles in month** with this bill. (2) **CHOLERA**—"Your Mother will"—**DON'T MISS THIS**. (3) **OPTICAL**, a real business getter. Those among my private clientele who have had this pronounce it **EXCELLENT**. Try a sample order. I fancy I shall obtain your regular custom. P.O. 26 per bill, crossed please. **Matter in 2 days**. Kindly note—No two bills alike sent to one town.

JOHN DEE, Chemists' Circular Specialiste, 56 LINKER STREET, SOUTHPORT.

JOHN DEE, Chemists' Circular Specialist, 56 LINAKER STREET, SOUTHPORT.

HOLD UP YOUR HEAD—PUSH ON!

That is what I do myself, that is what my clients do, many of whom have been with me since March 1906. All the references I offer you are from men who have tried my system from 13 to 31 years, and in the same manner as it has steadily increased their businesses, so will it increase yours. There is no conjuring about it, it is merely an almost infallible system of pegging away. 52 advices or tips per annum; an interview if within 300 miles, supervision of all your printing and advertising and unlimited correspondence. 3 renewal fees, two for their third years, one for his second, one of the former Colonial, just to hand. More about it in my free booklet; a postcard brings it by return. One chemist in each neighbourhood only allowed to ruin my system.

BERNARD SLACK,
Princes Chambers, WOLVERHAMPTON.

Exchange Column—Bargains.

TERMS.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No Advertisement inserted for less than 6d.

FOR DISPOSAL.

APPARATUS.

- GARDNER'S mixer; hardly used. Particulars from W. B. CARTWRIGHT, LTD., Manufacturers, Leeds.
WATER-BED, full size, with bellows; weight 20; good condition. BAICHIN, Chemist, Kilburn.
SMALL-POWER disintegrator by Sherwin; nearly new. Particulars from W. B. CARTWRIGHT, LTD., Manufacturers, Leeds.
1 GAL. emulsion-machine (Griffin's); simple construction; good working order; cost £2 10s.; will take 30s. 12/103, Office of this Paper.

BOOKS AND PERIODICALS.

- WHAT offers? Lowson's, Wills's, Stirling's "Prescription Latin"; all good condition. CLARK, 32 Burlington Gardens, Acton, W.
WHAT cash offers for whole or part "CHEMIST AND DRUGGIST," 1902, 1903, 1904, 1905, 1906, 1907, carriage forward? JOINT, 34 Wellington Hill, Horfield, Bristol.

DENTAL.

- 1 LEATHER roll containing 8 fine English tooth forceps, unscratched; bargain 17s. 6d. 12/14, Office of this Paper.

FORMULÆ.

- FORMULA for sale, black-boot polishes. FRANCE, 42 Vartry Road, London, N.
BOOT and metal polish; reliable formulæ. For particulars, 2/23, Office of this Paper.
VETERINARY medicines (special); black drench, red drink, universal oils, and chlorodyne for calving troubles, colic, scour, chills, debility, redwater, etc.; splendid preparations; 3s. 6d. each, 4 for 10s. DODDS, Crumlin, Antrim.

OPTICAL AND PHOTOGRAPHIC.

- 6 PAIRS Culver's steel Revluc frames and 1 pair R.G. ditto; quite new; what offers? 6/14, Office of this Paper.
A PORTABLE 10-in. spark x-ray coil, complete with primary and secondary sparking pillars, rheostat, contact breaker, etc., in two strong polished oak cases; perfect order and ready for use; cost £40; accept £17 10s. 12/013, Office of this Paper.
5 PACKETS "Ensina" paper, $\frac{1}{2}$ plate, 3 packets 5 by 4, 1 packet $\frac{1}{2}$ plate, new in April; 4 packets Kodak $3\frac{1}{2}$ -in. tank developer-powders, 1 only No. 1 Brownie outfit, new July. Best offer for whole or part, ARKELL, Pharmacist, Weston-super-Mare.

PROPRIETARY ARTICLES.

- SURPLUS STOCK.—About 2 doz. Serravallo's tonic, 21s. per doz., 3 bottles for 5s. 9d.; iron or milk somatose, 13s. tins for 7s.; perfect condition; carriage paid. "SOMATOSE" (12/34), Office of this Paper.
BEST cash offers accepted.—1 gross 7½d. Keene's Corn Cure; 6 doz. 1s. vaseline hair tonic; 3 doz. 1s. woodglos; 6 doz. 6d. woodglos; 3 doz. 1s. Lanokerol; 3 doz. Kerol shaving-sticks; 1 doz. 1s. 6d. Larola soap. 9/15, Office of this Paper.

SHARES.

SHARES for Sale. See p. 72.

SHOP FITTINGS.

- 50 FEET of plate-glass window shelves and mirrors; good condition. CROUCH, Moorgate Street Station.
O'BRIEN'S check till, coin exhibitor receipt-giving; nearly new; what offers? CLEAVER, Chemist, Leicester.
WHAT offers? Balance; nearly new; cost £15; with weights. Apply, "CHEMIST," 41 Frith Street, Shaftesbury Avenue.
ASHTON & PARSONS' Homœopathic case, nearly new, fully stocked, as advertised £2 12s.; what offers? HARDING, Chemist, Southsea.

WANTED.

- "THE Standard Physician"; latest edition; 3 vols. HAYTON, Wigton, Cumberland.
COUNTER-CASES (second-hand) wanted; cheap for cash. NEILL, 84 Park Avenue, Barking.
MINOR, Major, Chemists' books.—Send prepaid for valuation; cash offers per return. GOWER, Bookseller, Waterloo, Liverpool.
WANTED, a copy of J. L. Hatrick & Co.'s Catalogue, with or without prices; in good condition; cheap. 12/13, Office of this Paper.
"PHARMACEUTICAL Formulas"; second volume; containing known, admitted, and approved remedies. KEEBLE, Crewkerne, Somerset.
"CHEMIST and Druggist," 1859-70, all or parts; also "Analyst," "Soc. Chem. Industry," and old "Chem. Soc. Journals." Offers to 279/19, Office of this Paper.

TO BUYERS AND SELLERS.

We take every care to ensure that proprietary and other goods advertised in this column are genuine surplus stock of reputable persons in business, and are compelled to refuse advertisements sent by those who, when occasion requires, decline to satisfy reasonable inquiries as to their *bona-fides*.

We again call the attention of those who use this column for the sale or purchase of goods to the desirability of using our Deposit System. Some forward goods before they receive money for them, and others forward money to advertisers before they have even seen the goods. Disappointment in such circumstances is bound to happen now and then, and it is to prevent this, as well as to check fraud, that our Deposit System was instituted.

The buyer sends us the money for the goods, and when we hear from him that they are satisfactory, and not till then, we hand over the money to the seller. A commission of 6d. is charged by us on any transaction of 3l. or less, and 1s. if above that amount. The commission is payable by the buyer, and should be included in the money sent to us. All Cheques and Postal Orders should be made payable to "Edward Halse," and crossed "Martin's Bank, Ltd."

Coming Events.

Secretaries of Pharmacists' Associations and other trade organisations are requested to communicate to the Editor the programmes for the coming Winter Session.

This Section of the "C. & D." is reserved for advance notices of meetings or other events which are sent to the Editor not later than Wednesday of the week before the meetings, etc., occur.

Tuesday, November 9.

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C., at 8 P.M. Evening meeting. Mr. Frank Tutin, F.C.S., on "Tests for Purity of Quinine Salts," and Mr. P. E. F. Perrède, Ph.C., B.Sc., on "The Cultivation of *Grindelia camporum*, Greene, in Jersey."

Oldham Pharmaceutical Association, Café Monico, Union Street, at 7.30 P.M. Mr. J. Lees on "Bookkeeping for Chemists."

Wednesday, November 10.

Nottingham Pharmaceutical Association, Calvert's Café, Long Row, at 8 P.M. Mr. W. S. Adamson on "The Osmotic Treatment."

Edinburgh Chemists', Assistants', and Apprentices' Association, 36 York Place, at 9.15 P.M. Meeting, for which arrangements will be made by Mr. David Murray and Mr. J. Rutherford Hill.

Manchester Pharmaceutical Association, Pharmaceutical Department of the University (Coupland Street entrance), at 7.30 P.M. Discussion on "Pharmaceutics," exhibition of pharmaceutical apparatus, and address by Mr. James Grier, M.Sc., on "The Pharmacopoeia."

Northampton Polytechnic Institute, St. John Street, Clerkenwell, London, E.C., at 8 P.M. Mr. A. Barton Kent, lantern-lecture entitled "The All Red Route Round the World."

Thames Valley Pharmacists' Association, "The Pagoda," 30 Hill Rise, Richmond, at 7 P.M. Whist-drive. Tickets (single 2s. 6d., double 4s. 6d.) from Mr. Alfred Higgs, Treasurer, 42 Richmond Road, Kingston-on-Thames, or Mr. O. R. Windmer, Hon. Secretary, Ewell Road, Surbiton.

Carliff Pharmaceutical Association, Occidental Café, at 7 P.M. Whist-drive. Tickets (2s. each) from Mr. E. Poole, Hon. Secretary, 71 Broadway.

Newcastle-on-Tyne Pharmacists' Association, Simpson's Continental Restaurant, Grainger Street, at 7.30 P.M. Social evening. Tickets (1s. each) from Mr. W. Pocock, Hon. Secretary, 60 Osborne Avenue.

Leeds Chemists' Association, Grand Restaurant, Boar Lane, at 7.30 P.M. Annual dinner, at which Mr. F. J. Gibson (Wolverhampton) will be present. Tickets (3s. 6d. each) from Mr. J. R. Bentley, Hon. Secretary.

Thursday, November 11.

Great Yarmouth Pharmaceutical Association, 155 King Street, at 8 P.M. Monthly meeting.

Chemists' Assistants' Association, 73 Newman Street, Oxford Street, London, W., at 9 P.M. Debate.

West Ham Association of Pharmacists, Earlham Hall, Forest Gate, London, E., at 7.45 P.M. Whist-drive. Tickets (2s. 6d. each, two 4s. 6d.) from Mr. J. E. Evans, Hon. Secretary, 69 Leytonstone Road, E.

North Staffordshire Chemists' Association, Roebuck Hotel, Stoke, at 7 P.M. Discussion on the new scales-regulations, opened by Mr. J. B. Blades. Mr. Edmund Jones on the Parliamentary Representation Fund and the proposed annexation of the Federation of Local Associations by the British Pharmaceutical Conference.

Forfarshire Chemists' Association, Mather's Hotel, Dundee, at 4 P.M. Meeting at which Mr. J. Rutherford Hill will be present.

Dundee Chemists', Assistants', and Apprentices' Association, Mather's Hotel, at 9.15 P.M. Mr. J. Rutherford Hill on "The Poisons and Pharmacy Act, 1908—a new aspect."

Glasgow and West of Scotland Chemists' Association, Regent Tea rooms, 51 West Regent Street, Glasgow, at 9.15 P.M. The President, Mr. J. W. Sutherland, will deliver a short address on "Pharmacy Sixty Years Ago and Now—a Retrospect and Comparison."

THE CHRISTMAS COURSE of juvenile lectures at the Royal Institution will this year be delivered by Mr. William Duddell, the subject being "Modern Electricity." The first lecture will be on December 28.

THE ANNUAL DINNER of the Nottingham Pharmaceutical Association will be held at the Victoria Station Hotel on December 2. Tickets from the Hon. Secretaries, Mr. T. Freeman, 57 Mansfield Road, and Mr. E. E. H. Turton, 2 Chapel Bar.

THE INAUGURAL DINNER of the Salford Pharmacists' Association will be held at the Castle Market Hotel, Cross Lane, on November 18. Tickets from Mr. C. Brown, 161 Bury New Road, Manchester.

AN EXHIBITION OF PHOTOGRAPHS by Mr. Arthur Marshall is being held at the new premises of the Royal Photographic Society of Great Britain, 35 Russell Square, London, W.C. It is open to the public on the presentation of a visiting-card.

THE ANNUAL REUNION AND SMOKING-CONCERT of the Chemists' Assistants' Association will be held at Frascati's Restaurant, Oxford Street, London, W., on November 18. Tickets (1s. each) can be had from Mr. A. S. Peake, 49 Newgate Street, E.C.

THE ANNUAL DINNER of the Western Chemists' Association is to take place at Frascati's Restaurant, Oxford Street, London, W., on November 17. Tickets may be had from Mr. C. T. Allen, Hon. Secretary, 20 High Road, Kilburn, N.W.

WOLVERHAMPTON AND DISTRICT CHEMISTS' ASSOCIATION.—The annual whist-drive will be held at the Star and Garter, Wolverhampton, on the evening of November 18, at 7 o'clock. Tickets (2s. 6d. each) can be obtained from Mr. J. H. Coleman, 7 Worcester Street, Wolverhampton.

College Notes.

SCHOOL OF PHARMACY.—The "Daily Sketch" of October 29 contained reproductions of three photographs of the school interior under the title "Women as Qualified Chemists." In one Miss Cutfield is shown at a volumetric estimation, and another depicts Miss Neve at a digester. A large photograph is devoted to the histological class, Misses Haywood, Macalpine, Boyes, Garnett, and Braithwaite being the lady students, and Professor Greenish is seen in the corner focussing a microscope. A number of the male students are also in the picture. The "Daily Sketch" says: "A noticeable feature of the inaugural meeting of the present session of the Pharmaceutical Society was the large attendance of ladies, and Professor Greenish says there has been an undoubted increase in the number of women pharmacists in recent years."

American News.

(From the "C. & D." Correspondent.)

THE CITY OF BALTIMORE, MD., is in the throes of a fierce cut rate war. Pharmacists are slashing prices beyond all reason.

THE LEGALITY OF CONTRACT-PLANS for the distribution of proprietary articles is still a moot question in the courts. A Cincinnati Court has recently declared the contract of the Freeman Perfume Co. null and void as being in violation of the anti-conspiracy law of the State.

THE PHARMACISTS OF THE EASTERN STATES, particularly those of New York, are very disturbed over the formation of two big company pharmacies, the United Drug Consumers' Co. and the Lauer Drug Co. These two corporations propose to do big things. The Lauer concern even expects to have a chain of stores from coast to coast. The Drug Consumers' Co. will for the present limit itself to large cities like New York and Philadelphia, and it proposes to take over existing stores.

DRUG-TRADE COMBINE.—The Lauer Drug Co., financed by the United Cigar Stores Co., a subsidiary company of the American Tobacco Co., has been formed to carry on three drug-stores in the vicinity of Manhattan Island. It is expected that the number will be increased from time to time, and that amalgamation of the Riker interests may lead to the establishment of a larger company. To meet the competition which will result a meeting of retail pharmacists has been held in New York, with the object of organising a company which shall be in a position to buy largely and sell at keen rates. The company is to be called the United Drug Consumers' Co., and already has a membership of fifty retail pharmacists.

"BLOODLESS SURGERY."—Mr. Justice Darling has been engaged during the first half of this week in directing the hearing of an action, Mr. C. H. Irving against "Dr." Bodie, the "bloodless surgeon" of the music-halls, for 1,000l. damages for breach of contract. Plaintiff had been a pupil of defendant's, and the hearing of the action afforded much amusement and a complete exposure of the defendant. The jury found for the plaintiff and awarded him 1,000l. damages.



THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, DECEMBER 4, 1909.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers) and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.**

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules.

Telephone: No. 852 Bank (two lines).

Telegraphic Address: "Chemicus London."

A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."

Cried

*Chemists in business,
Chemists who want to
go into business,
Assistants seeking situations,
Employers in want
of assistants,*

ALL HAVE TRIED THIS SUPPLEMENT & FOUND IT NEVER-FAILING.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

May be consulted at their Offices on matters of **SALE, PURCHASE, and VALUATION.**

1.—LONDON, S.W.—Old-established Business; situate in close proximity to busy railway station; returns average over £1,250; which produce a net income of £439; price £1,000.

2.—BLACKHEATH (near).—Modern Pharmacy; position unique; returns £1,200 per annum; scope for development; *net profit 25 per cent.*; double-fronted shop, well fitted and fully stocked; price £360.

3.—LONDON, S.E. (main road).—Modern Pharmacy, chiefly ready money; returns under manager, £1,000; *net profit* £325; lock-up shop; rent £55 inclusive; price £660; part payment if desired.

4.—HOME COUNTY.—Retail, Dispensing, and Photographic; returns £700; *profit (net)* £200; double-fronted, well-fitted shop; roomy house, side entrance; rent £65, held on lease; terms £50 and valuation of stock and fixtures.

5.—LONDON, Central.—Old-established Business, Retail and Dispensing; returns between £1,500 and £2,000 per annum; good profits; further details on application; references will facilitate business.

6.—LONDON, S.E.—Established Business, Retail, Dispensing, Prescribing, and Photographic; returns (present rate) £1,200; *net profit 25 per cent.*; large shop, fitted in mahogany and plate glass; comfortable residence, garden; price £850.

7.—ST. JOHN'S WOOD.—Dispensing and Retail Business; corner position; excellent opening for Dentistry and Optics; established 1864 and held by vendor 30 years; returns average £500; *profit (net)* £160; price £250.

8.—GLOUCESTER (near).—High-class Pharmacy; Retail and Dispensing; gross receipts average £1,306 per annum; *profit (net)* £320;

handsomely fitted shop, corner position; large residence; rent moderate; further details on application.

9.—SOUTH WALES (Health Resort).—Modern Pharmacy; established many years; returns average £2,500 per annum; *gross profit 50 per cent.*; well-appointed shop, situate in the centre of town; further details on application.

10.—BUCKS.—Mixed Business; all good middle-class trading; established 1804 and held by vendor 7 years; satisfactory reason for disposal; returns average £940; *net profit* about £360; large house, lovely garden; price £750.

11.—CORNWALL (Health Resort).—Established Business; Retail and Dispensing; good position; returns about £1,400 yearly; well-fitted shop, fully stocked; terms, goodwill £50, stock and fixtures at a fair valuation.

12.—BIRMINGHAM (near).—Vendor retiring; Retail, Dispensing, Photographic, and Optical; established 1872; returns average between £1,050 and £1,100 per annum; *gross profit* about £450; rent £70; commodious house, garden, private entrance; price £700.

13.—HOME COUNTY.—Old-established Business, Retail and Dispensing, with free Licence for the sale of Wines and Spirits; returns average between £1,700 and £1,800 yearly; *net profit* £371; vendor retiring; price about £1,000.

14.—WEST OF ENGLAND.—Established Business, Retail, Dispensing, Prescribing, and Photographic; returns average £500 yearly; net income £180; good residence; rent moderate; price £250.

Particulars of any of the above will be furnished on application.

N.B.—NO CHARGE TO PURCHASERS.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasise the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BRETT & CO.

VALUERS.

8 WEST ST., LEICESTER.

Telegrams, "Brett Leicester." Telephone 160 Y.

VALUATIONS have always had our special and personal attention, and an experience of thirty years is at your disposal.

AGENCY.—We have always a large number of Buyers on our books, and we can frequently find a Purchaser at once. We also have a *Private Register* for vendors who are in no hurry to sell, and who do not wish their businesses to be advertised.

STOCKTAKING SPECIALISTS to the Entire DRUG TRADE

1. **SOUTH COAST.**—Fashionable seaside resort; very high-class Retail and Dispensing; fine shop and excellent house; old-established; returns £1,280, and increasing; profitable; price £950.

2. **LONDON N.**—Good-class Cash Retail, situate in best shopping thoroughfare; nice shop, double front; splendidly fitted and well stocked; returns nearly £600; good profits; price £300; part can remain; trial allowed.

3. **LIVERPOOL.**—Good-class Light Retail and Dispensing in increasing suburb; good shop and excellent house; old-established; returns £1,071 and increasing; very profitable; price £1,000; a real genuine Business and 3 months' introduction given if desired.

4. **LANCS.**—In a very busy town; middle and working class Retail; nice shop; new premises; returns £580, rapidly increasing; price, valuation, about £320; low rent; an excellent opportunity.

5. **DERBYSHIRE.**—Good Mixed Family and General Retail; good Specialities; unopposed country district; returns over £600 under manager; price £100; can be greatly increased under principal; lock up shop; rent 6s. week; nicely fitted; a bargain.

6. **YORKS.**—Popular seaside resort; middle-class Mixed Retail, Dispensing and Photo; good shop and convenient house; old-established; returns £680 and increasing; net profit £200; valuation about £570; a splendid opportunity.

7. **GLAMORGAN.**—A very nice little Business, only opened six months ago, but very rapidly increasing; returns at present about £9 per week; no opposition; stock and fixtures about £200; to a young, energetic man this is a chance of a lifetime.

8. **MIDLANDS.**—A good steady General Retail in a very busy town; old established, together with a Tobacconist's adjoining; Chemist's returns £15 per week, Tobacco returns £50 per week; excellent premises; price £150 and valuation, about £600 (for the two Businesses); a rare opportunity.

9. **GLOUCESTERSHIRE.**—Very nice Retail, Dispensing, and Prescribing in very pretty district; returns nearly £800, and steadily increasing; good profits; good house and shop; price £550; an excellent business.

PARSON C. BAKER

174 VICTORIA ST., LONDON, S.W.

Recommended by—MESSRS. BARRON, HARVEY & CO.

Telephone: MESSRS. MEGGESON & CO.

No. 27 Victoria.

MESSRS. BARCLAY & SON, LTD.

SOUTH COAST; business street, good town; neglected; Cash Retail; now returning only £500, easily capable of £1,000 to £1,200; good shop; new modern window, large house; rent £66; vendor will take less than value of stock and fixtures, estimated at £450.

MINING village, S. Wales; population 5,000; Branch open one year; returns £320, steadily increasing, under manager only; no opposition; rent £30, inclusive; price £100, or good offer near value of stock and fixtures.

NEAR Victoria Park; an old-established Pharmacy, returning £850 at good prices; good shop; large house, with private entrance; now under manager; price about £350, or good offer.

SOUTH LONDON, junction of two good thoroughfares; an old-established and prosperous Business, returning £900 at good prices; all cash; good shop, well fitted and fully stocked; large house and nice garden; rent £60; price £530; vendor taking much larger business.

A **SMALL,** very profitable Business, nearly all French and Italian, near Piccadilly; price £150.

H. P. ALEXANDER, LICENSED EXPERT VALUER,
211 Grahame Rd., London, N.E.

UNDERTAKES

**VALUATIONS FOR SALE,
PURCHASE, PROBATE AND STOCKTAKING**
on reasonable terms.

Of well-known experience to London Houses.

Businesses Wanted and for Sale.

Chemists' and Assistants' Wants Undertaken.

FREDK. WM. SMITH

LICENSED CHEMISTS' VALUER.

Valuations for transfer of business, Probate, &c. Businesses for disposal. Stocks and Fixtures purchased to any amount for cash. Stocktakings undertaken. A Register kept of Assistants and Chemists requiring Assistants; no charge made.

3 Belgrave Terrace, LEEDS

TELEPHONE 02949.

MESSRS. BERDOE & FISH,

Chemists' Valuers and Transfer Agents,

35 JEWRY STREET, FENCHURCH STREET, CITY.

TELEPHONE 1809 CENTRAL.

Have the following Businesses for Disposal. (No charge to Purchasers.)

1. **KENT COAST** (fashionable town).—Good-class Retail and Dispensing Business in splendid position; returns average £1,150; good profits; handsome shop, fully stocked; excellent house; price £1,000.

2. **SUFFOLK.**—Unopposed Light Retail Business; no Mixed or heavy trade; returns average £800; good house; low rent; well-fitted shop, heavily stocked; price £465; a bargain.

3. **SOUTH COAST** (fashionable town).—Good-class Retail and Dispensing Business; returns about £650; plenty of scope for increase; gross profit £240; well-fitted shop and good stock; price £350.

4. **GLOUCE.**—Very profitable Retail, Dispensing, and Prescribing, with own Specialities; in good-class district; returns £450; net profit exceeds £200; good house and shop; valuation or offer.

5. **DERBYSHIRE.**—Unopposed Light Country Retail Business; returns over £600 under manager; plenty of scope; corner shop (lock up); rent only £15; price £200, less than valuation; worth seeing.

6. **MONMOUTHSHIRE.**—Good-class Country Retail Business in market town; returns under manager nearly £700; plenty of scope; low rent; exceptionally well stocked; price £450 or offer.

7. **LINCS.**—Unopposed Village Retail Business; returns £250 under junior; principal would quickly do double; rent under £20; convenient house; price only £150, simply valuation.

8. **SOUTH KENSINGTON.**—Good-class Retail and Dispensing; returns over £1,100; net profit £350; main road position; price £850.

9. **LONDON, N.W.**—Good-class Retail and Dispensing; returns £750 to £800; scope for increase; net profit £200; price only £350.

STOCKTAKING VALUATIONS.

WE are now booking Stocktakings for 1910, and shall be pleased to forward our special terms on application. We value the stock in full detail without disturbing the routine of the business in the slightest degree; in fact, when we finish you do not know we have been. Interviews arranged. Correspondence cordially invited.

BUSINESSES WANTED.

MESSRS. BERDOE & FISH are in immediate want of sound concerns returning from £800 to £3,000, particularly in the Home Counties, West of England, Midlands, and Manchester districts; cash buyers waiting, quick sales guaranteed, without publicity. Terms sent on application.

T O M T O M

Telegraphic Address.

THOS. TOMLINSON & SON,

Chemists' Valuers and Expert Stocktakers,

Businesses transferred privately.

29 NEW CANNON STREET, MANCHESTER.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents, or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.

NOTE.—Replies can be addressed to this Office and forwarded to the Advertiser for an Additional charge of 6d.

COLONIAL BUSINESSES.

We call the special attention of our Colonial subscribers to the opportunity this Supplement affords when they wish to dispose of their Businesses, of getting into touch with likely buyers either at home or in the Colonies.

Replies to Advertisements may be addressed to this office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

BATH.—Light Retail, Prescribing, Photographic, some Dispensing, no Patents; busy corner; good stock; average turnover last 10 years £600; rent £40; rates 6s. 9d. in the £; price £320 or valuation; opening for Dentistry; first-rate opening for young man understanding modern methods. Apply, "Metol" (59/1), Office of this Paper.

LIVERPOOL.—Exceptional offer; sound Light Cash Retail Business, in unique position, with scope for increase in energetic hands; returns last 3 years £720, £835, £986; net profit over £250; large shop, well fitted and stocked; price for early sale £375, or simply valuation; no goodwill. "Genuine" (67/21), Office of this Paper.

LONDON, N.—For Disposal, small Chemist's Business; quarter mile from nearest Chemist's shop; populous neighbourhood; returns nearly £500, and increasing; opening for Tooth Extraction and Photography. Apply, 50/8, Office of this Paper.

LONDON, WEST.—Good-class Retail, Dispensing, and Prescribing Business, in splendid position; returns approach £1,000, increasing; good profits; attractive Pharmacy, heavily stocked; large and convenient house; family reasons sole cause of selling; price £800, or £100 and valuation of stock and fixtures; fullest investigation courted. "Otto" (67/201), Office of this Paper.

LONDON.—First-class residential suburb; high-class Retail and Dispensing Business; selling solely through serious breakdown; 6,000 Prescriptions dispensed yearly; returns over £1,700; net profit nearly £500; handsome pharmacy; excellent position; fully stocked; price £1,500; personally inspected and recommended by us. Berdoo & Fish, Valuers, 35 Jewry Street, London, E.C.

MIDLANDS.—Chemist's Business for Disposal, returning about £1,400; continued ill-health cause of sale; could be considerably increased by constant personal supervision; good position; Prescribing, etc.; particulars only to cash purchasers; no agents; price about £700. Apply, 64/18, Office of this Paper.

S.E.—Returns over £800; well-fitted shop, with outside lamps; in main thoroughfare with large and thickly-populated working-class neighbourhood; cash trade; good Optical and Soap-club trade; very valuable Proprietaries, few Patents; good opportunity for young energetic man with Store experience; good reasons for selling; price £450. Apply, 68/2, Office of this Paper.

SOUTH COAST.—Good-class Family Retail and Dispensing Business on Cash lines; no booking; present returns £650, rapidly increasing; lock-up shop; could be doubled by smart up-to-date man; price £350 (value stock and fittings). Apply, 62/63, Office of this Paper.

An exceptional opportunity for securing a good bona-fide Business situated in the South of England (Coast); lock-up shop; important corner position; Light Retail, cash trade; population working and middle class; shop on lease; takings last three years average £780; shop well stocked and fitted; price £350; splendid opening for Dentistry; owner is taking a larger business. J. R. B. Allison, Business Specialist, Retford.

FIRST-CLASS Business for Sale on South Coast; returns £1,228. Letters to Mr. Penrhyn, 30 Parliament Hill, London, N.W.

LARGE town on South Coast; Light Retail and Prescribing Cash Business; good shop with complete stock; long lease; returns £350; to effect quick sale price £110 or offer. Apply, 64/31, Office of this Paper.

PUSHING man wanted with £100; sure success; main-road position in busy N.W. thoroughfare; vendor's ill-health reason for selling; large population; working Partner would be entertained; go and energy would increase takings. Apply, Heuley & Hull, 29 Walm Lane, Willesden Green.

RARE opportunity; Chemist Business for Sale; crowded district; large Prescribing trade; profitable Retail; profits about £200; low rent; takings could be increased by energetic man; if necessary part payment and remainder by instalments; same hands nearly 20 years. Write, 67/11, Office of this Paper.

RETURNS £750 now; £1,000 at once with proprietor's whole time and push; exceptional profits; patents only 14 per cent.; Drugs, Prescribing, and Photo; good house; long lease; best London suburb for business; population middle-class and workers; price £500. Apply, 62/35, Office of this Paper.

SPECIAL OFFER.—Old-established profitable Chemist's Business in Western seaport; average takings last three years £1,300; excellent reasons for disposal. For full particulars apply, "Lyn," c/o 25 Westwell Street, Plymouth.

THIS is an opportunity worth seizing; Branch Business in South Midlands; returns can be verified; last year £500 done without any pushing; good house; no opposition; vendor concentrating efforts other ways; not a cutting shop; £300; part can remain by arrangement. Apply, E. C. Ashford, 32 Gold Street, Northampton.

£90 (valuation); Yorkshire (West Riding); unopposed Retail in new district; taking £7 weekly; capable of good increase; full investigation; this is a good opening for an experienced, unqualified man. Full particulars from "Mercury" (61/40), Office of this Paper.

£150 or nearest offer will purchase an easily worked, old-established profitable Drug-stores in East End working-class district, returning from £7 10s. to £8 10s. weekly; cheap Prescribing; plenty of penny trade; Optics; few Patents; convenient house, 6 rooms; rent £23; will stand strictest investigation. Apply, 67/10, Office of this Paper.

AGENCIES.

CANADA.—A firm of Manufacturers' Agents, with special facilities for introducing goods to Chemists and Druggists, and with travelling Representatives covering the various provinces, is desirous of adding a few additional lines; sole Representation for Canada desired. Address, Agencies, P.O. Box 181, Toronto, Canada.

FOR SALE.

COMplete Fittings of a large Chemist's, London, together or separate; Cases and Counters mahogany; glazed plate-glass for immediate removal, or cash payment. 67/2, Office of this Paper.

SALES BY AUCTION.

By Order of the Liquidator.

Re Lynch & Co., Ltd., in Liquidation.

15 SILVER STREET, WOOD STREET, LONDON, E.C.

Great Sale of valuable and high-class SURGICAL INSTRUMENTS comprising Amputating Instruments and Cases, Syringes of every description, Knives, Forceps, Scissors, Microscopes, etc., Uterine and Midwifery Forceps, Bladder and Lithotomy Instruments, Throat, Post Nasal, and Tracheotomy Instruments, Stethoscopes and Ophthalmoscopes, Eye and Ear Instruments of large variety, large quantity of best English Dressing Instruments, Post-mortem Instruments, etc., etc.

MR. FRANK G. BOWEN will SELL BY AUCTION, on the premises as above, on WEDNESDAY, December 8, 1909, at one o'clock.

On a day prior.

Catalogues may be obtained of the Liquidator, W. H. Stone, Esq., 1, The London Yard, E.C., and of the Auctioneer, 62A Aldersgate Street, London, E.C.

Re Lynch & Co., Ltd., in Liquidation.

15 SILVER STREET, WOOD STREET, LONDON, E.C.

THE LATEST and MODERN SHOP and SHOWROOM FITTINGS, SHOWCASES, and OFFICE FURNITURE, including three very fine Chemist's Mahogany Back Fittings, 50-ft. run of Mahogany Counter, 100-ft. run of Mahogany and Ebony Plate-glass Countertops, Nest of Pigeon Holes, 50 Nest of Mahogany and Deal Drawers, 50 Range of Wardrobe Bins and Shelves, 10 Wall-cases, 10 Mahogany and Oak Exhibition Showcases, 10 Mahogany and Plate-glass Centre Showcases, 5 Ebonyed Mahogany and Solid Oak Plate-glass Floor-cases, 150-ft. run of Ebonyed Mahogany and Solid Oak Wall Showcases, 20 Mirrors, expensive Amber Cabinet of 7 shelves, Iron Fire-resistant Safes, Deal Box, Writing Tables, Chairs, High Day Beds, Electric Fittings, Telephone, 250 yards of material, Roll-top Desk, Oak Pedestal Table, 10 Slope Desk, etc.

MR. FRANK G. BOWEN will SELL BY AUCTION, on the premises as above, on THURSDAY, December 9, at one o'clock.

Catalogues may be obtained of the Auctioneer, 62A Aldersgate Street, London, E.C.

PARTNERSHIPS.

A FANCY to build on a new registered medium; owner has no time to devote; will take partner or sell outright; no agents. Apply to B. Bacon, 5, Bedford Street, Strand, W.C.

FOR SALE, New Year. A gentleman wants a partner, part-time, to manage Wholesale Department of a Drysalter's and General Retail business; one who has knowledge of mathematics and who has had experience and would be willing to travel; salary to be mutually agreed; opportunity for one having a minimum of £1,000 to £1,500 required. Give full particulars strictly confidential to 64-19, Office of the Paper.

PARTNERSHIP required by gentleman desirous of investing up to £10,000 in a profitable business. For full particulars of the business, apply to the advertiser, in confidence to B. & P. O. Judd, 8, Q. Street, London, E.C.

TO LET.

A N excellent opportunity occurs to Chemist and Druggists of London, S.W., and other part in establishing a thoroughfare business in a new district, N.W. district, rent £60 per annum. Apply, Ernest Dwyer, Goders Green, N.W., and at 1, London Road and West Hampstead.

DOUBLE FRONTED corner Shop in centre of rising seaside town in West of England; well-built and compact premises, 8 lofty rooms, bath and back entrance, good warehouse and yard; only one other Chemist in the town; exceptional opportunity for a Family Chemist and Minerals and Dentistry; moderate rent, or will sell. Apply, 67-2, Office of the Paper.

TO Let, large Shop and good dwelling-house, 19, Kirkstall Road, Leeds, bath and w.c.; stable and hayloft in connection; rent £20, been used as Druggists' shop for last 25 years; late tenant will give satisfactory reason for leaving. Apply, Coulwell & Son, Wall-paper Factory, 159, Briggate, Leeds.

UNOPPOSED opening for Chemist; attractive, new, double-front Shop (last of row of 10, all well let); superior, rapidly growing suburb and centre for large country district; several side-lines might be added; rent £36; part fixtures by arrangement; first-class living accommodation. Apply, Phillips, 27 Marlboro' Avenue, Reading.

SITUATIONS OPEN.

RESULTS
OF ADVERTISING IN THIS SUPPLEMENT
LAST WEEK Nov 27 1909

NATURE OF ADVT	REPLIES
MANAGER	82
UNQUAL. ASSISTANT	51
ASSISTANT	27
TRAVELLER	25
UNQUAL. ASSISTANT	25
ASSISTANT	24

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of advertisers who use a number or nom de plume.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitability.

BE BRIEF BUT CLEAR—millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

REPLIES TO ADVERTISEMENTS may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that the Advertiser pays postal charges in such cases, and perhaps this reminder will obviate the necessity of the constant return of remittances which forgetfulness of this fact entails.

RETAIL.

BIRMINGHAM.—Junior Assistant; wanted, smart, energetic, industrious young man; must be good Counterfitter and accustomed to good-class trade. Apply, stating age, height, salary required, full particulars of experience, enclosing photograph, to Hodge & Son, Pharmacists, Dale End, Birmingham.

BIRMINGHAM.—Assistant or Manager; in- or out-door; qualified; no abstinence preferred; good Prescriber, with knowledge of Photography; half-day off weekly from 1 p.m., alternate Sunday duty 6 to 9 p.m. Full particulars, stating age, height, salary, and enclosing photo, to H. Critchlow, Chemist, 161 Monument Road, Edgbaston, Birmingham.

BRIGHTON.—Outdoors; an experienced qualified Assistant, accustomed to good-class Dispensing business; duties mainly Dispensing, but good counter experience necessary; age 25 to 30; unmarried; hours 9-9, Wednesdays 9-6 (summer Wednesdays 9-2); usual Sunday duty; salary £144; please give full particulars in first letter and enclose photo. Apply, by letter only, J. Colby & Co., 101 Western Road, Brighton.

BRISTOL.—Junior Assistant wanted for Dispensing and Photographic business; outdoors; half-holiday weekly. Apply, stating age, height, salary required, experience, also references, with photo (if possible), to F. Moss, 206 Redland Road, Bristol.

CEYLON.—Qualified Assistant, about 24; hours shorter, pay progressive and higher than in England; good climate; passage paid out and home. Apply, Dakin Bros., Ltd., 82 Middlesex Street, Bishopsgate Street, E.C.

CHESTER.—Immediately, competent Dispenser; must have had good experience. State salary required (indoors), references, age, and when disengaged, Milling, Chemist, Chester.

DERBY.—Reliable Assistant required (indoors) for good-class Dispensing business. Send full particulars, including salary required, to Monkhouse, 21 Iron Gate, Derby.

JAPAN.—Qualified Assistant; age 23 to 26; one with knowledge of French or German preferred; passage, second class, paid out and home; 5 years' agreement. Apply, with photo and copies of testimonials, to "R. L.," c/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

LANCS.—Experienced Assistant for high-class Dispensing and Photographic business; qualification not necessary; age about 30. Apply, Tomlinsons, Pharmacists, Preston.

LEAMINGTON SPA.—Wanted, a qualified Lady Dispenser; salary £60 a year, with furnished rooms (on premises), coal, gas, and attendance. Applications, stating age, etc., and enclosing copies recent testimonials, to be sent on or before Saturday, December 18, to Secretary, Provident Dispensary, Leamington.

LIVERPOOL.—Bain & Co. require a Junior Assistant (about 21 years of age) on December 28; 3 kept. State age, height, salary required (outdoors), references (photo if convenient), to John Bain, 4 Quadrant, Lime Street, Liverpool.

LIVERPOOL.—Lady Dispenser, qualified, wanted (immediately), for hospital. State fullest particulars and salary required to Harriman, 97 Mount Pleasant, Liverpool.

LONDON, W.—Junior Assistant; about 21; indoors; two employed; good-class business; excellent opportunity to obtain experience in Dispensing; about December 20. State usual particulars, J. W. Feltwell, 91 Hammersmith Road, West Kensington.

LONDON, E.—Wanted, smart qualified man with good knowledge of Optical Goods, to Manage branch; good salary; Store trade; references must bear strictest investigation. Apply, 62/9, Office of this Paper.

LONDON, W.—Assistant wanted, after Christmas; personal application only. Salter, 108 Mount Street, Grosvenor Square, W.

LONDON, S.E.—Assistant for small branch, with view to early succession; excellent chance for young or elderly man; can be paid for out of receipts by instalments; let off £14, leaving £11 rent; near works employing 1,000 men; no opposition; half-hour from town. Apply, 67/8, Office of this Paper.

LONDON.—Wanted, active middle-aged Assistant (outdoors) for Store trade; in reply please state age, salary required, and give recent references, which must bear investigation. "T." (67/18), Office of this Paper.

LONDON, S.W.—Senior Assistant; must have passed Minor; indoors; two others kept; commission. Particulars as to previous experience and stating age, height, salary, etc., required to Hooper, Struve & Co., Ltd., 7 Pall Mall East, S.W.

LONDON, W.—Wanted, immediately, for high-class West-end business, unqualified Assistant; aged 22 to 25; outdoors; must be a good Dispenser and have had previous first-class experience; London preferred; personal interview if possible. Apply, J. G. Shirley & Son, 60 Westbourne Grove, Bayswater, W.

LONDON, S.W.—Wanted, Junior Assistant; aged about 23; good Dispenser; qualification not necessary. Apply, personally or by letter, W. H. Holroyd, Pharmaceutical Chemist, 31 Duke Street, St. James's, London, S.W.

LONDON, S.W. (country town).—Qualified, good all-round Manager; Optics, Photography. Full particulars and experience (state salary), 258/68, Office of this Paper.

MAIDSTONE.—Permanency for capable, energetic Assistant for medium-class business; about 23; hours 8.30 to 8.30; Saturdays 10; close Wednesdays at 1; closed Sundays; outdoors; must be obliging and good salesman; salary £2. State firms been with to Faync, Pharmaceutical Chemist, Maidstone.

NEWCASTLE, STAFFS.—At once, Junior Assistant (outdoors) for good-class Retail and Dispensing. Send photo, salary required, and references, to Poole & Son, 47 High Street.

PARIS.—Qualified Assistant; age about 25; Continental experience; knowledge of French indispensable. Address, "Talcum" (257/5), Office of this Paper.

PLUMSTEAD, S.E.—Qualified Manager, immediately after Christmas; outdoors; must be good practical Photographer and understand the Photographic trade; also smart JUNIOR (outdoors), for Dispensing and Photographic business. Apply, A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E.

RIVIERA.—Assistant for the season; age about 28 to 30; tall. Send full particulars and photo (to be returned) to Metcalfe, Rondet & Co., 77 Rue d'Antibes, Cannes, France.

SOUTHAMPTON.—Wanted, Managing Assistant, good Counter-man, experience of Photography and Optics desirable, for beginning of New Year. Full particulars to W. Bates & Co., Ltd., 50 Oxford Street, Southampton.

SUTTON, Surrey.—Junior Assistant for good-class Dispensing business; knowledge of Photography essential; indoors. Stephenson, 31 High Street, Sutton.

WESTON-SUPER-MARE.—Wanted, Assistant, about the end of December, in good-class Dispensing business. State age, height, and salary (indoor), and experience. Enclose photo if possible, G. S. Ball, Pharmaceutical Chemist, Weston-super-Mare.

WORCESTER.—Wanted, Junior for Light Retail and Dispensing business; half-holiday; comfortable home; duty divided into three; good-class experience essential. W. T. Horniblow & Son, Chemists, Worcester.

YORKSHIRE.—Unqualified Assistant, with Agricultural and good general experience; salary 30s. per week (outdoors); short hours; no Sunday duty; half-day weekly. 66/25, Office of this Paper.

YORKSHIRE.—Wanted, at once, Assistant for small Branch; outdoors. Enclose photo and state salary to 64/13, Office of this Paper.

FIRST week in January.—Gentlemanly Assistant (with Minor qualification preferred) for Light Retail and Dispensing business, with Photography. Please state age, height, and salary required (outdoors), with references, to J. H. Leech, The University Pharmacy, 36 Trinity Street, Cambridge.

FOR January 3, competent Assistant; indoors; Light Retail, Dispensing, and Stock; one kept; age over 22 years; interview preferred. If applying by letter state exact amount of previous experience and usual particulars to T. Bright, Pharmacist, 168 Church Road, Willesden, N.W.

JUNIOR Assistant (indoors), aged about 20, for a good-class business. State experience, salary required, and whether possessing a knowledge of Photography, to S. T. Milbank, Pharmaceutical Chemist, Bishop Stortford.

JUNIOR German Assistant wanted for City Pharmacy. Apply to "H. L.," 55 Fore Street, London, E.C.

LEWIS & BURROWS have a vacancy for a smart unqualified Assistant; must be accustomed to quick trade. If application is made by letter please state full particulars, enclosing photograph, to 146 Holborn Bars, E.C.

MANAGER, qualified, for small Branch. Enclose photograph, state salary required, to James E. Houseman, 19/21 Fittfield Street, London, N.

MANAGER, with view to early succession; handsome Pharmacy in busy main thoroughfare in outskirts of London; nice house; splendid opportunity for smart man with small capital. 67/4, Office of this Paper.

QUALIFIED Assistant required (indoors) for Mixed Business; Sundays and half-day a week free. Merry & Parker, Ilkeston.

STUDYING Assistant, immediately; only Assistants able to start at once need apply; either every afternoon off for study or the whole of Wednesday and Thursday to attend College of Pharmacy; salary £20 (indoors). Give fullest particulars in first letter, and photo (returnable), Belsher, Chemist, Bloxwich.

WANTED, a gentlemanly unqualified Junior or Improver; indoors; hours of business easy; weekly half-holiday and no Sunday duty; comfortable home. Apply, with full particulars as to age, salary required, when disengaged, enclosing references and photo (to be returned), E. Gittins, Chemist and Optician, 7 Market Square, Buckingham.

WANTED, qualified gentlemanly Assistant; indoors; situation especially suitable to one desiring experience in Dispensing. Apply, sending all particulars, to 61/35, Office of this Paper.

WANTED, at once, smart up-to-date qualified man as Manager of a business situate in the Manchester district; splendid opportunity for married man desirous of getting on. State age, full experience, and give three references, 258/73, Office of this Paper.

WANTED, at once, a qualified Branch Manager; must have first-class Store experience, and whose character will bear the strictest investigation. Apply, stating full particulars, including positions occupied for the last 6 years, salary required, and enclosing a recent photo, to 62/34, Office of this Paper.

27/6 week; outdoors; Third Assistant wanted, early in January; age not under 25. "Cardiff" (63/7), Office of this Paper.

SITUATIONS OPEN—*cont.*

WHOLESALE.

ADVERTISING.—Vacancies occur in Advertisement Department of large private firm in London for young gentlemen with Pharmaceutical Training, combined with:

1. Experience of, or in the Far East, or
 2. Experience in Compiling Catalogues, Pamphlets, and other Advertising printed matter; or
 3. Knowledge of Modern Languages, or experience in Continental Pharmacies; or
 4. Experience or training in Display Advertising.
- Applicants must give full details of experience, age, and salary required. Address: "A. V.," 254 5, Office of this Paper.

EXPERIENCED Clerk, capable of taking charge of office staff, required for Manufacturing Chemists' city office; ability and must have reference essential. Reply, in handwriting, with full particulars of past experience and salary required, to "X," (67/13), Office of this Paper.

REPRESENTATIVES wanted to carry first-class, fairly well remunerated, as Side-Line, small weekly salary and good commission given, state area covered. 62/40, Office of this Paper.

SUPPLIAL INSTRUMENTS. Assistant familiar with these and all other London Export Druggists' business, age about 25; state salary and experience. Apply 253/33, Office of this Paper.

SURGICAL INSTRUMENTS. Important, permanent, progressive opportunity. Wanted, a really smart, well-educated gentleman with complete knowledge of Surgical Instruments, Appliances, and Surgical Duties, to work upon the Medical Profession in sale, repair, and delivery. Postal Despatches, London (high-class) experience necessary. Applicants (with photos), Philip Harris & Co., Ltd., Surgical Instrument Makers and Pharmaceutical Specialists, Brompton.

TRAVELLERS to visit Great Britain and Ireland, must have first-class education, efficient in every matter, get up, and profits about 10 per cent. commissions on original orders and repeat. State full particulars of age, and salary. "T.," c/o Capel & Co., 8 South Street, W. E.C.

TRAVELLING.—Wanted, Traveller wanted with connection with a large Buyer of Representative Merchants and sell goods to show samples, as reported from Russia. Apply, by post, to the Editor, Office of this Paper.

WANTED.—An experienced, Capital maker for a firm of Wholesale Druggists in the Manchester district, must be fully conversant with the Manufacture of Handmade Flexible Gelatine Capsules. Apply, by post, full particulars of previous experience, salary etc., to 4 P. Office of this Paper.

WANTED.—A well educated, well brought up smart young man, to act as Representative to South of England to call upon Wholesale Merchants and Druggists. State usual particulars. 62/40, Office of this Paper.

WANTED.—A well educated counting house work, checking of Stock, etc., with a good knowledge of the Druggists' trade; good bookkeeping a distinct preference. Address, giving fullest particulars of salary etc., to the Editor, Office of this Paper, to the Editor, J. W. Alcock & Co., 5 Nicholas Lane, E.C.

BUSINESSES WANTED.

ADVERTISER. unqualified, desires to meet with a Mixed Business, with Drugs, but not poisons; not a Chemist's business or a business without a shop; good house; country district preferred; about £250 at command. State full particulars, in confidence, to 59/2, Office of this Paper.

WANTED, a Business returning about £1,600 per annum; not London; cash ready. Full particulars, in confidence, "H. C.," (64/3), Office of this Paper.

MESSRS. BERDOE & FISH have a large number of clients unsuited, requiring to purchase Businesses returning £800 to £1,200 in the Midlands and Southern Counties; cash buyers only are introduced, and strictest privacy can be relied upon. Confidential particulars should be sent to Berdoe & Fish, 35 Jewry Street, Fenchurch Street, E.C.

SMALL Drug-store wanted, country or country town, with guaranteed living profit and accommodation for a small family; show good reasons for selling; no broken-down businesses entertained. Apply, "Statim" (59/40), Office of this Paper.

WANTED, to take over a small Business early in January; neglected one not objected to; good windows; cash ready £150, remainder by instalments; London preferred, but not essential; please state returns and net profit before interview. Address, "Pharmacist" (61/28), Office of this Paper.

WANTED, a genuine Business, in good locality, showing an annual net profit of not less than from £250 to £300; cash ready for sound concern. Send full particulars, in confidence, 62/39, Office of this Paper.

ADVERTISER will pay £5 (if acted on) for information of a good opening for a Chemist. "Statim" (64/03), Office of this Paper.

SITUATIONS WANTED

(Colonial, Indian, and Foreign).

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid. Replies addressed to this office will be forwarded to the advertiser for an additional charge of 6d.

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad

FRANCE or French Switzerland.—A qualified German Assistant desires a situation for January 1 in either country; one year's London experience; well up in English Dispensing and Retail; good references. Gingele, 149 Houndsditch, London, E.C.

SOUTH AFRICA.—Situation in busy town. Progressive salary required; qualified: 27; Retail: first-class experience; Photography, Optics; references. 61/31, Office of this Paper.

QUALIFIED lady Dispenser desires position in France or Switzerland; bookkeeping; excellent references; 7 years' experience. "Dispenser," 6 Loudon Grove, Princes Park, Liverpool.

WORKS Chemist, Manager, Representative; 15 years' London and provincial Wholesale experience; experienced equipping Laboratories and commencing Manufacturing "Chemist," 14 Stirling Road, Birmingham.

SITUATIONS WANTED

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.

[HOME.]
RETAIL.

LEAD or Manager, qualified, recent references. Padwick, 52 Little Walsby Road, Southfields, S.W.

ENTIRELY qualified Manager; permanency; single; active; Pre-ferred. "R. S.," 4 Museum Street, W.C.

ASSISTANT-MANAGER: unqualified; 24; good references. Normanby, 8 Granville Street, Monton, Eccles.

QUALIFIED: 27; Manager or Locum; London only; low salary for good-class business. 67/12, Office of this Paper.

ASSISTANT, Dispensing and Retail, unqualified, desires situation until Christmas. Wetton, White Street, Coventry.

QUALIFIED: 28; 10 years' London experience; outdoors; Manager or Senior. "Felix" (48/34), Office of this Paper.

UNQUALIFIED: disengaged; middle-aged; tall; cheap; competent. "Chemists," 157 Humber Road, Westcombe Park, S.E.

SENIOR or Manager; up-to-date Store experience; good Counter and Window-dresser. "Chemist," 24 Salisbury Road, Leyton, E.

MANAGER or Senior; 28; married; Counter, Photo, Dispensing, Optics; all-round experience. Bird, Dunleath, Maur Road, Romford.

DISPENSER (lady) desires post; Hall qualification; references. 58/37, Office of this Paper.

UNQUALIFIED; 19 years' good experience, London, etc. "Chemist," 35 Crescent Grove, Clapham.

SURGEONS.—Dispenser and Bookkeeper; experienced. "A. B.," 5 Salomons Road, Victoria Dock, E.

MANAGER or Assistant, with view to succession; Birmingham preferred. 61/29, Office of this Paper.

BRANCH Manager or Senior; disengaged; abstainer; references. "Phuacetin," 32 Albion Road, Rochdale.

ASSISTANT, unqualified, experienced, seeks situation; good Dispenser. Reynolds, 33 Melbourne Road, Ilford.

JUNIOR, 4 years' experience, desires engagement immediately. "W. J. W.," 39 Irene Road, Parsons Green, London.

ASSISTANT, Locum, Manager; capable; Sine diploma; 40; disengaged. "Anthraxol," 10 Alfred Road, Stratford.

VERY moderate terms; Manage small Mixed Branch; view to purchase or otherwise. 58/38, Office of this Paper.

PERMANENT or Temporary; unqualified; 32; experienced; abstainer. Kellard, 45 Whiskin Street, Clerkenwell, E.C.

ASSISTANT, with varied experience, seeks employment, any capacity. "V.," 77 Bennerley Road, Clapham Junction.

MANAGER; permanency; middle-aged; qualified; abstainer; Store experience. "M. H.," 10 Raby Street, Darlington.

15 YEARS' experience, Dispensing, Photography, Counter, Window, Extractor; unqualified. Brown, Chemist, Brigg.

25; qualified; good experience; Dispensing, Photography; abstainer; disengaged. P. Wesley, 4 South Parade, Penzance.

MANAGER, Locum, or Relief; reliable, competent; excellent references. "Pharmacist," 33 Foskett Road, Hurlingham, S.W.

MANAGER, Assistant, or Locum; qualified; 35; good varied experience and references. Pamley, 155 Church Street, Paddington, W.

UNQUALIFIED; 22; disengaged; Wholesale and Store experience; good Window-dresser. "W. P.," 35 Newlands Road, Norbury, S.W.

RELIABLE Assistant; unqualified; 26½; 8 years' London and provincial Store experience; Photography. "Ebor," 40a Holloway Road, London.

WANTED, situation as qualified Dispenser; used to Surgery work, Tooth Extraction; good references and reliable. "Dispenser," c/o Spurr, M.P.S., Huddersfield.

JUNIOR; 19; tall; disengaged Christmas; Dispensing business in London or large provincial town preferred; permanency; abstainer. Daws, 17 Parade, Felixstowe.

JUNIOR; 22; tall; all-round experience; Dispensing, Counter, Photography; abstainer; outdoors; Birmingham or Midlands preferred. Perry, 18 Gaoigate Street, Stafford.

SWISS Chemist, examination Braunschweig, experiences Germany and French-Switzerland (aged 23), excellent references, would give time. Taeschler, 31 Inchmery Road, Catford, S.E.

DISPENSER and Surgery Assistant seeks situation; any part; long experience every branch; 4 years' testimonials from Medical Officer of Factories. 59/31, Office of this Paper.

ASSISTANT; unqualified; 27; tall; Dispensing, Counter, Photography, Window-dressing, and Stockkeeper; experienced; references; disengaged. Ellis, 54 Park Avenue, Mitcham.

QUALIFIED; Manager or Senior; married; good references; experience in high-class Dispensing and Family Retail; knowledge Photography. "Promptly," 9 Rotunda Terrace, Cheltenham.

MANAGER, qualified (29), married, disengaged, Dispensing, Prescribing, Optics, Photography. Truss, Surgical Hosiery Fitting, desires permanency high-class Pharmacy. "Chemist," 65 Amhurst Road, N.E.

JUNIOR; 21; tall; disengaged; Photography. Goulden, 22 Fratt Street, Lambeth Road, S.E.

DISENGAGED; unqualified; several years' experience. R. M. Lelean, 2 Rockville, Hautville, Guernsey.

ABSTAINER; 7½ years' experience; 5 ft. 8 in.; 22; all-round experience. 31 William Street, Tunbridge Wells.

DISENGAGED; unqualified; 38; 16 years' London experience; any locality. Fletcher, Black Horse Yard, Whitby.

MANAGER; tall; 36; best experience; married; permanency; disengaged. "Pharmacist," Kendall, Myton-on-Swale, York.

QUALIFIED; 34; Manager or Senior, or with view to succession; Dispensing, Optics, Photography. "F. P.," 65 Castle Street, Luton.

LOCUM or Manager; qualified; wide experience, both London and country; good references. "Pharmacist," 208 Fawcett Road, Portsmouth.

CAPABLE Assistant; 36; smart, energetic; Counter, Prescribing, and Dispensing; unqualified. "Aspirin," 51 Estate Buildings, Railway Street, Huddersfield.

RETIRED qualified Chemist, tired of idle life, seeks position of trust in comfortable house; excellent testimonials; small salary. Henderson, East Lynne, Llandudno.

SHORT hours or part time; in London; 27; good Dispensing experience; Photography; 3½ years in present situation. Mellor, 55 Bohemia Road, St. Leonards-on-Sea.

FEW hours' daily employment in London; 35; qualified; thorough all-round experience; good references. "Pharmacist," 8 Alfenburg Gardens, Clapham Common, S.W.

DISPENSER (lady), with Hall qualifications, desires Part-time post, either in Institution or with Medical man, in or near London. "K." (63/17), Office of this Paper.

QUALIFIED, Manager, Locum, or Senior, last situation 4 years Manager large branch, seeking good engagement; references. "Experience" (64/40), Office of this Paper.

PART-TIME engagement wanted with Chemist or Doctor in or near Stourbridge; good references; Extractor. R. Francis Oliver, Wesley Manse, Darlaston, Wednesbury.

JUNIOR; 19½; 3 years' experience, Dispensing, Photography, Extracting, and Window-dressing; Optics a speciality. Frank S. Oliver, Wesley Manse, Darlaston, Wednesbury.

DISENGAGED; Branch or otherwise; unqualified; moderate salary; married, no family; London or suburbs preferred; highest references. "Codex," 5 Ewangelist Road, N.W.

JUNIOR; 22; 5½ years' good all-round experience; Counter, Windows, Photographics, etc.; good reference; disengaged; unqualified; abstainer. "Rex," 22 Morrill Street, Hull.

ANALYTICAL Chemist, out of touch with Pharmaceutical side for some years (has served apprenticeship), desires situation with Pharmacist. "X.," 66 Froston's Road, Workington, Cumberland.

SMART unqualified Assistant (26 years), tall, seeks re-engagement; good Counterman and Window-dresser, Photographic; disengaged. "A. S. H.," 1 Admiral Terrace, Edinburgh Road, Nottingham.

UNQUALIFIED; disengaged; 30; single; Dispensing, Photography; counter, window-dressing, stock; outdoors; all-round useful Assistant; London or Midland Counties. Stausfield, Laurel Grove, Southport.

MANAGER, Locum, Relief; qualified; exceptionally good all-round experience; excellent references; thoroughly reliable and trustworthy; disengaged. "Aspirin," 102 Briscoe Mansions, Brixton Hill, S.W.

IMMEDIATELY, unqualified, smart, experienced Assistant desires re-engagement; quick Dispenser, Counterman, Photographic; aged 30; single; highly recommended; outdoors. "S.," 35 Thebarn Road, Southport.

SITUATIONS WANTED *(continued).*

LOCUM, qualified; first-class references; experienced. Fur Cottage, Chislehurst, Cheshire.

ASSISTANT; 26; good experience. Address, Robins, 10 Redvers Road, Chalk Pit Hill, Chatham.

JUNIOR, tall, good Counter experience; excellent references. Boscock, Lane Street, Colne, Lancashire.

QUALIFIED, under 30, business ability and first-class experience. "Cleanist," 58 Lonsdale Street, Acerrington.

CAPABLE Assistant; 27; smart Counterman; accurate Dispenser, "Prescriber," 76 Hartington Street, Bedford.

LADY Pharmacist requires post, Doctor, Chemist, or Institution; reliable, experienced. 63/25, Office of this Paper.

JUNIOR; 20; 5 years' good General experience; knowledge of Photography. J. Roberts, 119 Bury New Road, Bolton.

DISPENSER, Bookkeeper; young; well recommended; disengaged. Bailey, Holmlen, Sydney Road, New Southgate.

MANAGER or Locum, 50, reliable; competent; excellent experience; highly recommended. 63/26, Office of this Paper.

JUNIOR; 24, first class Dispensing experience; shortly disengaged. F. Williams, Roslin, Elgin Road, Wallington, Surrey.

QUALIFIED, 24; abstainer; good experience and references; disengaged. Thomas, 294 Trinity Road, Wandsworth Common.

JUNIOR, 5 ft. 9 in. height, 5 1/2 years' good general experience; excellent references. "Salmon," 14 Caledonia Street, Liverpool.

UNQUALIFIED, 20; first class experience, Dispensing, Store, window dresser. "Robert," c/o Scott, 2 London Road, Edinburgh.

MANAGER; qualified; 27, tall; married; abstainer; excellent references; permanency; North preferred. 63/6, Office of this Paper.

PART-TIME Assistant, with first class West-end experience, seeks engagement; tall. Apply, "G.", 7 Trevor Square, Knightsbridge.

PHARMACIST, Senior or Manager; smart counterman; Dispenser, Photography, good all round man. "F. H. K.," 10 Prideaux Road, Stockwell, S.W.

UNQUALIFIED Assistant can be well recommended, London or suburbs, 25 years' experience. Address, "C. E. B. B.," 366 Kingsland Road, N.E.

MANAGER, indoors or outdoors; qualified, tall; first-class experience and references; disengaged. "F.," Avondale House, Avondale Road, Mortlake.

QUALIFIED Manager, middle aged desires situation; good references; accept small salary in comfortable place. "Spuro" (63/74), Office of this Paper.

LIVERPOOL or Manchester. Manager, Senior; qualified; 26; excellent references; good experience; outdoors. "Hodeum" (63/25), Office of this Paper.

ASSISTANT; unqualified, aged 50; good Counterman; Store experience; London preferred; highest references. "Statim" 145 Fore Street, Upper Edmonton, N.

ITALIAN, qualified (50), speaking French and English, single, tall, good references and experience, now disengaged, moderate salary, desires situation in England. Offers, Cottini, Corso Vittorio Emanuele 108, Turin.

UNQUALIFIED experienced Assistant (26) seeks permanency; married; 10 years' experience in high-class Pharmacies; Dispenser, Prescriber, Photographic; trustworthy. "B.," Cotswold Villa, Frenchay, Bristol.

ASSISTANT (23), 7 years' all-round experience, seeks part-time in London, near Colleges, two or three evenings and Sundays; commence January 1; highest references. "Trianol," 716 Ashton New Road, Clayton, Manchester.

UNQUALIFIED; aged 30; single; disengaged; accustomed to taking charge; Dispensing, Prescribing, Photography, Counter; highest references; outdoors; fair salary required for good work. 63/39, Office of this Paper.

OUTDOORS; disengaged; good working Assistant; 48; single; unqualified; thoroughly experienced; Branch, temporary or permanency; excellent references; abstainer. "Energetic," 5 Beaconsfield Cottages, Hillingdon, Middlesex.

ELDERLY gentleman seeks a situation in Chemist's or Drug-stores, permanent or locum, where qualification is necessary; long experience, also as medical assistant; exceptional references; at liberty at once. Huke, 14 Bentinck Street, Birkenhead.

WHOLESALE.

CLERK.—Young man, smart, energetic, requires situation; good experience; excellent references. 63/20, Office of this Paper.

LABORATORY Help.—Well-educated youth desires situation as helper in the Analytical Laboratory of a Wholesale house. 229/34, Office of this Paper.

WEST OF ENGLAND.—Advertiser, first-class connection medical men and trade, successful interviewer, desires change. Address, "System," "Rushworth," Newton Abbot.

GENTLEMAN possessing Public School education, Pharmaceutical training, and connection with Medical men, wishes to Represent good firm. 66/32, Office of this Paper.

REPRESENTATIVE.—Qualified Chemist requires re-engagement; connection mostly Medical men; W. and N.W. London. J. Napier, Park House, Park Road, East Twickenham.

PERFUMER, Analytical Chemist, thoroughly experienced, very successful New Blends, desires appointment; would undertake Management of new department. 56/21, Office of this Paper.

PHARMACEUTICAL Chemist (28) desires to travel; good appearance and address; possesses business ability and tact; would accept small salary to commence. 66/26, Office of this Paper.

FOREWOMAN.—Young lady in charge of girls' workroom, large Wholesale Chemists, wants similar position; testimonials and references will be found satisfactory. 66/27, Office of this Paper.

REPRESENTATIVE; disengaged; excellent connection Yorkshire, North, East, and part West Ridings, Chemists and Doctors; Drugs, Sundries, or Instruments. Apply, 64/21, Office of this Paper.

EXPERIENCED Traveller desires engagement with an established firm who wish to be well represented; satisfactory references from present and past employers. Address, "Alpha," c/o Mr. W. H. Noon, 69 High Holborn, W.C.

PHARMACIST (29), 4 years' control laboratory and Stores and Manufacture of Galenicals, standardisation, requires position with firm requiring initiative and ability and giving opportunities of advancement. "Fiat" (67/7), Office of this Paper.

YOUNG Druggist, German, having been some time in France and Switzerland, speaking French fluently and also a little English, desires situation in the English Drug-trade. Address, Z 2501, an Hausenstein & Vogler, A.-G., Chemists, Saxony.

WORKS Manager or Analyst; General Manufacturing and Commercial experience; Galenicals, Fine Chemicals, Confectioners' and Brewers' Materials; Surgical Instruments. Apply, in confidence, "Demonstrator" (64/37), Office of this Paper.

PHARMACEUTICAL Chemist seeks vacancy as Representative or Manager (Yorkshire preferred), where strict integrity, tact, and energy would meet with suitable remuneration; abundant references; first-class Prescriber. Frankland, 1 Oxford Place, Leeds.

MAN (young) seeks situation as Checker in Wholesale Patents, or unqualified Assistant; used to command of Despatch Department; 5 years' experience in managing men and boys; thorough knowledge of foreign Patents and Agencies. 42/38, Office of this Paper.

ADVERTISER (26) desires re-engagement in Wholesale Drug-house, preferably North of England or Scotland; 12 years' experience in the trade; possesses all-round Office experience, Invoicing, Ledger work (Bought and Sales), Correspondence, etc.; moderate salary; references and copies of testimonials on application. 53/35, Office of this Paper.

MISCELLANEOUS.

FOREIGN firm, wanting to undertake Manufacture of high-class Proprietary Articles already well introduced in England and abroad, seeks Capitalists who would join with not less than £1,000, to form limited company; own investment £10,000; offer of active investor considered; first-class references given and required. Address, "G. B." (251/4), Office of this Paper.

McADAM & TUCKNISS, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone: 81a Lee Green.

SHARES FOR SALE (free of commission, subject).—120 C. Ash 5½ per cent. Preference, 23s. 3d., c.d.; 10 Bengers Preference, £5 17s.; 200 J. C. & J. Field Ordinary, 5s. 9d., 150 7 per cent. Preference, 14s. 10½d.; 200 Ilford Ordinary, 17s. 6d., c.d.; 100 Idris "A" 6 per cent. Preference, 4s. 10½d.; 10 Wright, Layman & Umney 6 per cent. Preference, 22s.; 200 A. J. White Ordinary, 2s. 3d.; 75 Fuller's Earth Preference, 19s. 3d.; 100 Parke's Drug 6 per cent. Preference, 15s. 9d.; 200 Sapon Preference, 15s. 9d.

WANTED (subject).—200 Allen & Hanbury "B" Preference, 22s. 10½d.; 100 Wright, Layman Preference, 21s.; 500 Lewis & Burrows Ordinary, 2s.

List of shares for sale and wanted sent free on application. Bankers, London County and Westminster. Established 1898.

SECOND-HAND bargains (ready to be sent off at once).—17-ft. mahogany Counter, glass cases in front, £10 10s.; 18-ft. ditto, £10; 12-ft. ditto, £8 10s.; 6-ft. mahogany and plate-glass Counter-case, 84s.; 5-ft. ditto, 75s.; Perfume-case, 25s.; also 250 others; Screens, Fittings, Wall-cases, etc., etc. See page 4 of this week's issue. Write for particulars of what you want to PHILIP JOSEPHS, 93 Old Street, London, E.C. 9057 London Wall.

CHEMISTS' SHOP-FITTINGS (SECOND-HAND).—Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; mahogany dispensing-screens, counters with glass-case fronts, wall-cases, bent-front and flat-top counter-cases, counter-desks, tooth-brush cases, complete shop-rounds, etc.; every requisite for chemists; extensive stock to select from at extremely low prices; practical men sent to all parts; illustrated catalogues and estimates free. MATTHEWS, CHEMISTS' FITTER, 14 and 16 MANCHESTER STREET, LIVERPOOL.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. RUDDUCK & CO., 262 OLD STREET, E.C.

A.B.C. System of Accounts for Chemists; knowledge of Book-keeping unnecessary; works out gross and net profits, balance-sheet, and income-tax statement with guaranteed certainty; Seventh Edition; does unflinching justice to the man and his business. Particulars and testimonials free, McQueen & Co., Moat Road, E., Leicester.

Dose Tables for Students of Pharmacy.

A TWENTY-FOUR page booklet showing the adult doses in ordinary cases of the principal medicinal agents, with metric equivalents for dispensing and a complete table of atomic weights, comprising the B.P. figures, and the International Committee's latest pronouncements (O=16 and H=1). The booklet measures 4 in. by 2½ in., and can be carried in the vest pocket. To be obtained from THE CHEMIST AND DRUGGIST (Book Department), 42 Cannon Street, London, E.C., for THREE PENNY STAMPS PER COPY. POST FREE.

CHEMISTS' FITTINGS.—SECOND-HAND, high-class bargains to clear.—14-ft. Drug-fitting, fitted 60 Drawers, with glass Labels, Glass Knobs, Bottle Lockers, Mirror Poison-cupboard, Bottle-shelves, and Cornice; 6-ft. complete Mahogany Dispensing-screen and Counter, including Sponge-case; 8-ft. Wall-case, bottom and top part, Mirror Recess; 10-ft. glass-fronted Serving-counter, Perfumery-case, and Desk, mahogany and bent plate-glass Counter-case; the lot £49 10s.; estimates free. H. Mills, Chemists' Complete Shop-fitter and Shop-front Builder, Steam Works, 163 and 165 Old Street, E.C.

TO Trustees, Executors, Liquidators, and others.—Immediate cash to any amount for all descriptions of Chemists' Stocks, Fittings, Fixtures, Wholesalers' Oddments, and Druggists' Sundries; best prices given; cash advanced for any solvent business which can show a good turnover. Apply, in confidence, to J. H. Hemmings, 2 Scylla Road, Peckham Rye, S.E.

POISONS SCHEDULE, according to the New Act, reprinted from THE CHEMIST AND DRUGGIST, with a supplementary list of admixtures, preparations, and other articles brought within the Schedule. On a card (Schedule in front, list at the back) to hang up; price 6d., post free, from the Office of the C. & D., 42 Cannon Street, London, E.C.; or at the published price (4d.) from the leading Wholesale houses.

EGG-LAYING SPICE.—To the Chemists who purchased my cod-liver oil emulsion formula some time ago and others I am offering an egg-laying spice formula that really gives results; have proved it with my own hens, getting 500 eggs from June 1 to October 31 with 6 hens (see notice in *Feathered World*, November 12, 1909); every Chemist should pack and sell this spice; it gives a good profit and is sure to sell well. Price of formula, with instructions for feeding, 3s. 6d., from R. H. Archer, 4 Station Parade, Gerrard's Cross, Bucks.

PHARMACIST, in good-class district in Manchester, willing to take Christmas Perfumes on sale or return one month. Address, "Perf." (66/37), Office of this Paper.

CHRISTMAS IS NOW FAST APPROACHING.

For this I have a special advertising scheme, and attractive window displays. If you wish for a mechanical one, can supply you with that too. These are refined, attractive and business-pulling ideas, suitable for a good-class Pharmacy. Please note I never recommend anything bordering on the catchpenny variety. Booklet, "How to INCREASE YOUR BUSINESS," sent post free to Pharmacists on receipt of postcard.

See Businesses for Sale for further advt.

J. R. B. ALLISON, Pharmacist & Business Specialist, RETFORD.

JOHN PARKES & CO.

PRIORY WORKS, WARWICK

Beg to state they have purchased the Letter Press Printing Business and Plant of MARTIN NEWBY, 14 New Street, Birmingham, and are prepared to execute a select amount of work for their regular customers and others. Enquiries solicited.

SPECIALTIES: Handbills, Memo Forms, Bill-heads, and all advertising Matter.

A South of England Client

Writes: "I suggest that you should make it clearer in your advertisements that not only do you find the four monthly ideas, but that all the work in connection with same is done by yourself and staff, and that your clients have nothing to do but serve more customers and reap in the results of your brains and work."—[Not by B. S.: This is so. I send you 52 ideas per annum, a free and much appreciated magazine, "BUSINESS HELP," carry out all the ideas except the window dressing and delivery of my own particular business-compelling printing, which rarely takes the form of handbills. Unlimited correspondence, debts collected, county court summonses issued for you, &c. In fact anything that will increase the business is included in my modest fee. ASK FOR BOOKLET NOW.]

BERNARD SLACK,

Princes Chambers, Wolverhampton.

What are your Plans for Xmas?

Are you making any special efforts to secure your full share of the "Christmas Present" trade? If so, we can help you. We have just prepared an illustrated List showing over 100 Designs in "Christmas Present" Posters and Showcards that will make your window bright and attractive, and suggest your goods as a solution of the Christmas Present difficulty to every passer by. Write for it to-day; it is free for asking.

DUDLEY & CO., Window Ticket Experts, HOLLOWAY, LONDON.

PHOTOGRAPHS AND TESTIMONIALS.—Assistants should not send their photographs to advertisers of Situations Open unless they are specially requested to do so, and then enclose a stamp for return. In no case should the originals of testimonials be sent; copies suffice until negotiations are approaching completion, when the originals may be submitted at the employer's risk.

Exchange Column—Bargains.

TERMS.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No Advertisement inserted for less than 6d.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

"BOTANY" (Lowson's); 7s. post free; bargain. 53/38, Office of this Paper.

WHAT offers? "Pharmaceutical Formulas" (first edition); good book. WHITCHURCH, 50 Goldsmith Street, Nottingham.

WHAT offers? 11 vols. "Year-book of Pharmacy and Transactions of the British Pharmaceutical Conference, 1883 to 1893." S. HARTLEY, Harrow.

DENTAL.

TEETH dentures (show specimens); 45s.; cheap. "DENTALIS" (62/29), Office of this Paper.

DRUGS AND CHEMICALS.

ABOUT 1 cwt. fine English beeswax; what offers? TRIMMING, Alton, Hants.

FORMULÆ.

BOOT-POLISH formula for sale. FRANCE, 42 Vartry Road, London, N.

DENTAL local anæsthetic; absolutely safe; painless extractions a certainty; formulæ 5s. SMITH, 4 Market Street, Lurgan, Ireland.

HORSE ointment for "chapping" and "scratches"; practically infallible; descriptive particulars of complaints; 3s. DODDS, Crumlin, Antrim.

RINGWORM ointment, scour powders, foot-rot ointment, colic drink (special flatulent and spasmodic), husk, hoose cure, splint, curb cure; 20 years' success, 2s. each, 6 7s. 6d. MORGAN, Pharmacist, Bournbrook.

OPTICAL AND PHOTOGRAPHIC.

OPHTHALMOMETER, improved model, with 6-volt accumulator; cost £19 5s.; what offers? nearly new. JENKINS, 92 Llewellyn Street, Pentre.

FOR immediate disposal, 1 by 10 camera, with one double dark slide, lens by Wray, London, no stand, will accept £6 10s. or near offer. SMITH, Chemist, Branchall, Stockport.

PROPRIETARY ARTICLES.

FORTY-SIX De Graves tooth-powder; what offers? STILING, Newton Abbot.

STOCKTAKING Surplus—1 doz. Karox compound; 1 doz. each 2s. 6d. and 5s. Field's cattle oils; 1 doz. Sand's seeds; 3 gross 1d. vaseline. Offers to TWIGG, Chemist, Withernsea.

SHARES.

SHARES for Sale. See p. 71.

FOR sale, a 41 share in "Caaiwal." 61/24, Office of this Paper.

SHOP FITTINGS.

DOORWAY show-case and 4 good mirrors. CROUCH, Moorgate Street Station.

SET of fine wall-cases with glass doors; cheap. DAVIES, 393 Commercial Road East.

CHEMIST'S mahogany drug-fitting, 12 ft. long, 60 drawers, glass labels and knobs; a bargain. COOK, 8 Cross Street, Islington.

12-ft. RANGE, 66 mahogany drawers, glass labels and knobs, lockers, shelving, pilasters, and cornice; £9 15s.; nearly new condition; cost £30; tenancy expired. JESSOP, 1 North Road, Wolverhampton.

O'BRIEN receipt-giving till; good supply both rolls; cost £9 10s.; what cash offer, or would exchange for anything usable. MILLING, Chemist, Chester.

MISCELLANEOUS.

WHAT offers? Cwt. glycerin; 2 moving models. 63/22, Office of this Paper.

WATER-BED, 36 by 72, in good condition; little used. Offers to Miss JESSIE COOMAS, Brightlands, Torquay.

CLYCOSTYLE duplicator, £1; simplex printer, 5s.; complete; once only used. BINGHAM, Chemist, Bournemouth.

SYPHON-FILLER and machines, electric driving motor; cheap for prompt cash. BALCHIN, Chemist, Kilburn, N.W.

SUPPOSITORY-MOULD (15 grs.), powder-folder, 10 vaccination-shields, 2 30 sec. thermometers, gross cabinet-mounts; 25s. lot or offer. RALPHUS' Drug-stores, Grimsby.

WANTED.

SEVERAL dozen Jergen's Castile soap; good condition. Send price Wood, Chemist, York.

EVARD'S lower molar or hawkbill; also mirror; cheap; approval. SNELLCROSS, Chemist, Ipswich.

PRESSARY-MOULD (oval), secondhand; also mould for packing salts. 64/5, Office of this Paper.

CASH-TILL (autographic); must be small, cheap, good order. NORTHWOOD, 246 Lewisham High Road.

4s. 6d. CHEMIST'S emulsion; 1s. 1d. Daisy powders; 7½d. Keene's corn-cure. BELSHEN, Chemist, Bloxwich.

REQUIRED, pen-shaped carbos, 5-grain pill-machine, and shop-rounds. Prices, 67/30, Office of this Paper.

COUNTER glass case; bent glass; 3 ft. 3 in. by 18 in. wide. J. WILLIAMS, Post Office, Waterfoot, Manchester.

OPTICAL books; Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. GOWER, Bookseller, Waterloo, Liverpool.

NEST of plain drawers, about 20; mortars; dispensing-scales (accurate); Ashton's Homœopathic case. State price, MASSLY, Chemist, 143 Bradshawgate, Bolton.

ADDRESSES WANTED.

STAYTON, late The Cottage, Winchfield, Hants. Wanted present address. BLANCHFORD, Chemist, Wimbledon.

TO BUYERS AND SELLERS.

We take every care to ensure that proprietary and other goods advertised in this column are genuine surplus stock of reputable persons in business, and are compelled to refuse advertisements sent by those who, when occasion requires, decline to satisfy reasonable inquiries as to their bona-fides.

We again call the attention of those who use this column for the sale or purchase of goods to the desirability of using our Deposit System. Some forward goods before they receive money for them, and others forward money to advertisers before they have even seen the goods. Disappointment in such circumstances is bound to happen now and then, and it is to prevent this, as well as to check fraud, that our Deposit System was instituted.

The buyer sends us the money for the goods, and when we hear from him that they are satisfactory, and not till then, we hand over the money to the seller. A commission of 6d. is charged by us on any transaction of 3l. or less, and 1s. if above that amount. The commission is payable by the buyer, and should be included in the money sent to us. All Cheques and Postal Orders should be made payable to "Edward Halse," and crossed "Martin's Bank, Ltd."

Coming Events.

This Section of the "C. & D." is reserved for advance notices of meetings or other events which are sent to the Editor not later than Wednesday of the week before the meetings, etc., occur.

Monday, December 6.

Society of Chemical Industry, London Section, Burlington House, Piccadilly, W., at 8 P.M. Mr. W. P. Dreaper on "The Artificial Silk Industry."

National Union of Assistant Pharmacists, Bristol Branch, 14 Pilgrim Street, at 8.15 P.M. Lecture on "The Eye."

Tuesday, December 7.

Leicester Chemists' Association, Turkey Café, Granby Street, at 8.30 P.M. Mr. H. A. Martin on "The Art of Window-dressing."

Bradford Chemists' Association, Great Northern Victoria Hotel, at 8 P.M. Mr. A. S. Campkin will be the guest of the evening.

Wednesday, December 8.

Wolverhampton Chemists' Association, Star and Garter Hotel at 8.30 P.M. The President (Mr. W. R. Dunn) will give a paper on "Soap: Its Composition and Manufacture."

Bath Pharmaceutical Association, Fisher's Restaurant, Northgate Street. Annual dinner. Tickets (5s. each) from the Hon. Secretaries, Mr. H. K. Pryke, 26 Southgate Street, or Mr. D. A. Evans, 6 Milsom Street. Mr. J. F. Harrington, President of the Pharmaceutical Society, will be present.

Sunderland Pharmaceutical Association, Grand Hotel, at 7 P.M. Annual dinner. Tickets (4s. 6d. each) from Mr. R. C. Thursfield, Hon. Secretary, Borough Road.

Stockport Pharmacists' Association, County Restaurant, at 9 P.M. Ordinary meeting.

Aberdeen Pharmaceutical Association, Gordon's College, at the usual hour.

Manchester Pharmaceutical Association, Chemical Club Rooms, Victoria Hotel, at 7.30 P.M. Mr. T. Baker (Oldham), lantern lecture on "Mushrooms and Toadstools."

Edinburgh Chemists', Assistants', and Apprentices' Association, 36 York Place, at 8.30. Photographic exhibition and social evening. Tickets (1s. each) from Mr. J. D. Watson, Hon. Secretary, 24 Bruntsfield Place.

Thursday, December 9.

Barnsley Chemists' Association, Royal Hotel, at 7 P.M. Mr. J. P. Norwood (Wath) will give a cinematograph exhibition.

West Ham Association of Pharmacy, Earlham Hall, Forest Gate, London, E., at 7 P.M. Business meeting, followed by a smoking-concert at 8 P.M.

Teccside Chemists' Association. Lecture by Mr. Elgie on "The Hills and Moors of Cleveland."

Chemists' Assistants' Association, 73 Newman Street, Oxford Street, London, W., at 9 P.M. Paper by Mr. B. A. Bull.

Conference of Pharmacists at Royal Institution, Colquitt Street, Liverpool, at 8 P.M. Subject: Mercer Case (to be explained by a member of the Pharmaceutical Council).

Friday, December 10.

Glasgow and West of Scotland Chemists' Association, Regent Tea-rooms, 51 West Regent Street, Glasgow, at 9.15 P.M. Mr. A. McKellar, on "Shop Indexing."

Dundee Chemists' Assistants' and Apprentices' Association, Mather's Hotel, at 9.15. Mr. W. B. Cowie, "Pharmacopoeial Notes."

Trade-marks Applied For.

Objections to the registration of any of the undermentioned applications should be lodged with Mr. Temple Franks, Comptroller-General of Patents, Designs, and Trade-marks, at the Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned. The objection must be stated on Trade-marks Form No. 7, cost £1, obtainable through any money-order office. The figures in parentheses refer to the classes applied for.

(From the "Trade-marks Journal," November 27, 1909.)

"**IMOGEN**"; for chemicals (1). By Berlin Aniline Co., Ltd., 26 Princess Street, Manchester. 317,282.

"**FERMENTYL**"; for veterinary lactic ferments (2). By Henri Loge, 10 Rue de Laborde, Paris. 316,902.

"**VELVABOLIO**"; for soap (2). By Orbic Soap Co., Ltd., Ashley Lane, Shipley. 317,459.

"**ELECTROGENE**"; for a medicine (3). By L. Clouet, Grande Route, Tubize, Belgium. 313,595.

"**SAMOL**"; for a rheumatism-cure (3). By Dr. A. Hochstetter, Tribuswinkel, near Baden. 314,652.

"**CLARINE**," and label device; for a medicinal effervescent powder (3). By W. J. Shepperd, 65 Bourport Street, Barnstaple. 315,289.

"**DRAKE SEA ROCK BATH SALT**," and label device; for salt for bathing (3). By J. E. Jewell, 38 Chandos Street, London, W.C. 315,672.

"**TYPHOL**"; for medicinal chemicals (3). By Duncan, Flockhart & Co., 143 Farringdon Road, London, E.C. 315,937.

"**SCHUEERTEA**," and picture of serpent stinging a woman; for pharmaceutical preparations and dietetical beverages (3). By Scheuertheevorsand Manufacturing Co., Ltd., 13 and 14 Nassauischestrasse, Berlin. 316,026.

"**OLYMPIC CORN-DOTS**," and label device; for corn-plasters (3). By Fassett & Johnson, 86 Clerkenwell Road, London, E.C. 316,673.

"**VIVO-SYMO**"; for medicinal chemicals (3). By W. Stillwell, 39 Latimer Road, Godalming. 317,348.

"**43 EXTRA**" in star device; for barytes (4). By W. Harrison & Co., Ltd., 16 Mincing Lane, London, E.C. 316,591.

"**ORTHO-CENTRIC**" device; for optical goods (8). By H. Brinkhaus, Königsweg 7, Berlin-Schoeneberg. 316,980.

"**TYCOS**"; for scientific instruments (8). By Short & Mason, Ltd., 98-100 Clerkenwell Road, London, E.C. 316,804.

"**ACALCINE**"; for food products (42). By Rouse & Co., 12 Wigmore Street, London, W. 316,845.

"**PEVERIL**"; for all goods (47) and (48). By Gerard Bros., Ltd., the Soap-works, New Basford, Nottingham. 316,853/4.

"**ST. PANTALEON**"; for all goods (48). By C. Bobbert (Johann Maria Farina & Co.), 2 and 4 Pantaleon Street, Cologne. 312,841.

"**BETH**"; for face creams and lotions (48). By Isabel Norris, 2 Ellis Street, Sloane Square, London, S.W. 314,509.

"**RACKHAM'S 'FLORESSA' HAIR-RESTORER**; for a hair-preparation (48). By George Ringer, 15 St. Peter's Street, Norwich. 315,105.

"**ARABIT**"; for perfumery, etc. (48). By M. Albersheim, Kaiserstrasse 1, Frankfurt-on-Main. 316,054.

"**DENSURIS**"; for tooth-powder for cleaning artificial teeth (48). By T. Goodhugh, 106 High Street, Sutton. 316,538.

"**VIVUS**"; for hair-preparations (48). By R. L. Hall, 4 Lloyd's Avenue, London, E.C. 316,613.

The Song of the Pill-machine.

Made in a factory—made very well—
Hark to the pitiful tale I shall tell;
Fashioned in marble and highly wrought brass,
Framed in mahogany—first of my class.

Sold to a pharmacy second to none,
Gazed at and lauded by everyone,
Used by my owner with scrupulous care,
Turning out pilules beyond compare.

There was another machine when I came,
Cracked was his marble face—battered his frame;
On him they rolled ev'ry ill-smelling drug,
Him I looked down upon, snobbish and smug.

Washed, dried, and polished by errand-boys' zeal,
For the first year not an ache did I feel,
Then an assistant, attempting to race,
Dropped me, and cracked my Carrara face.

Though stormed at was he, and cursed by the boss,
Little that recompensed me for my loss;
For in my looks the staff ceased to take pride,
Now like the battered machine at my side.

So am I doomed to valerian taint;
None will pay heed to my words of complaint;
While in the spot where my short stay has been
They have just settled a brand-new machine.

And day by day, getting duller and blunt,
Losing my polish from off back and front,
Hearing no longer an atom of praise,
Well may I sigh for my juvenile days.

Doomed to grow daily a dingier wreck,
Dreaming of days when no blemish or speck
Sullied my beauty, I'm waiting the day
When the grim dustman shall cart me away.

You who fritter your lives away,
Lest Fate leave you an old "Has-been,"
Make of life the best use, while you may—
Heed the song of the pill-machine.

W. H. ALLEN.

Humming-
Bird
Sachet

4/6 per doz.

POTTE POURRIE SACHET.
3/6 doz. 36 - gross.HANDSOME GOLD BLOCKED SATIN.
3/6 doz.

PLUM-PUDDING SACHET.

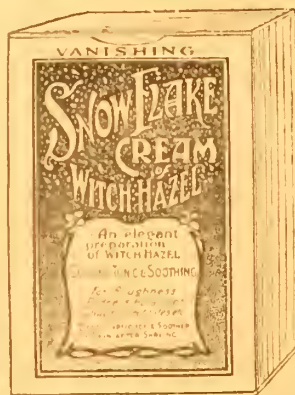
4/6 doz. 48 - gross.

A perfect representation of a rich fruity pudding.



PILE OINTMENT.

An efficacious preparation, prepared with witch hazel, neatly packed in 1 oz. tubes, cartoned, complete with tubes, 7/6 doz.; spare tubes, 3/- doz.



DISAPPEARING CREAM.

48 - gross.

Rubs in without grease or stickiness.



SILVER LABEL BRAND.

Also made in EUCALYPTUS and ALMOND.
6d. size, 30/- gross; 3d. size, 15/- gross.The
BUTTERFLY SACHET.

3/6 doz. 39 - grs.

Larger size 6/- .. 66/- grs.

Very large 12/- .. 132/- ..

COLLAPSIBLE
TUBES

OF ALL KINDS.

Adeps Lanæ, Anhydrous,
Odourless, 10d. per lb.

MARSHALLS', LTD. Works: 46-47 COLEBROOKE ROW, LONDON, N.

Telephone:
833 CITY.

"RATENOID"

REGD.

A NON-RUSTING, NON-CORRODIBLE,
AND VERY HARD WHITE METAL.

Spectacles & Eye-glasses

Specially adapted for wear in India,
the Colonies, Hot or Moist Climates,
Factories, Chemical Works, &c. &c.

CATALOGUE FORWARDED ON RECEIPT OF TRADE CARD.

SOLE MANUFACTURERS—

NITSCHÉ & GÜNTHER,

— OPTICAL WORKS, —

66 HATTON GARDEN, LONDON, E.C.

GLASGOW COLLEGE OF OPTICS,
180 WEST REGENT STREET, GLASGOW.

Secretary: PETER FENTON, M.P.S.

Write at once to the Secretary for Illustrated Prospectus, which contains full information regarding—

AFTERNOON & EVENING CLASSES For the preparation of candidates for the B.O.A. and S.M.C. Examinations. Classes in Mathematics, Photography, Advanced Optics, Diseases of the Eye, and the well organised Courses of Postal Tuition.**CORRESPONDENCE COURSES** may be taken up at any time, but students are recommended to begin in November at the latest for the 1910 summer examinations.

At the last S.M.C. Exam. in Glasgow, the College Students obtained 13 Successes out of a possible 14, and at the last B.O.A. Exams. not a single student out of 18 failed, and 13 passed the full D.B.O.A. Examination.

Optical Education.

Those desiring a really practical businesslike training in Optological Work should apply to the

British Optical Institute, Ltd.**Mount Edgcombe Gardens, CLAPHAM RD., S.W.**

Candidates prepared for all Optical Examinations. Tuition by Correspondence & Attendance Classes.

For full Prospectus write to the Principal—

Mr. F. GORDON HUNTLEY, F.B.O.A.

(Late Assistant Examiner to the British Optical Association.)

Telephone: 677 Brixton.

LOFTHOUSE & SALTMER, Wholesale and Export Drug Merchants, Manufacturing Chemists, HULL,

Offer the Trade the following valuable P.A.T.A. Protected lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the Country.

	PROTECTED RETAIL PRICE.	DOZEN.		PROTECTED RETAIL PRICE.	DOZEN.
LOSALL'S SALT (well advertised), tins ...	6d. ...	3/6 net.	PREPARED BARLEY ("Crown Brand.")		
" " " bottles ...	1/- ...	7/-	Usual 1/- size, lever lid tins. A good	—	4/- net.
" " " in cartons ...	1/6 ...	10/6	selling line ...	—	—
LOSALL'S MILK FOOD , oblong tins			MALTED FOOD . Usual 1/- size, lever lid		
1/- size. Ideal Food for children	8d. ...	5/6	tins. Buyer's name and address	—	4/6
and adults			printed free on 3 dozens. Special		
FINEST HYGIENIC FIRST MILK FOOD			design label, name and address, on		
" Crown Brand," specially adapted	1/- ...	7/6	gross orders if desired ...		
for infants from birth to 3 or 4			LOSALL'S FOOT-ROT OINTMENT , ...	1/- ...	7/6
months, tins 13 ...			enamelled tins		

Chemists taking up the above really valuable, large profit-yielding lines, will find them an important adjunct to their business.

London Agents: **F. NEWBERRY & SONS.**

If you want close up-to-date Quotations for superior and approved Counter Specialties, and for Pure Drugs, Chemicals or Pharmaceutical Preparations, don't fail to write to

LOFTHOUSE & SALTMER, Wholesale Druggists, HULL

" THE CHEMIST AND DRUGGIST "

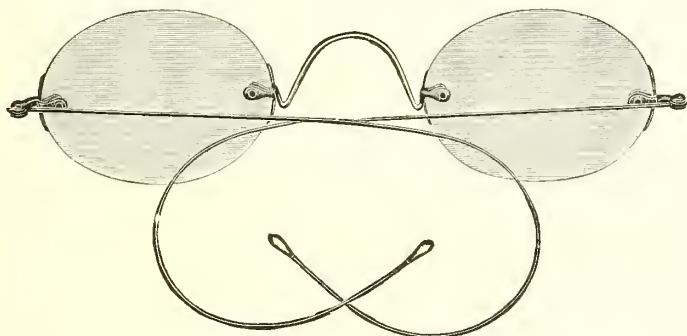
WINTER ISSUE.**January 29, 1910.****PRICE LISTS AND CIRCULARS INSERTED.**

For terms apply to

THE PUBLISHER, 42 CANNON STREET, LONDON, E.C.

F. DARTON & CO., *Manufacturing Opticians, :*

142 ST. JOHN STREET & 52 Clerkenwell Road,
LONDON, E.C.



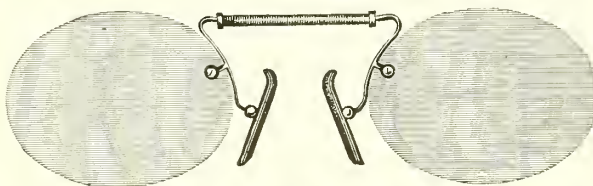
Special Lines in Rimless Spectacles & Eye-glasses

*In Gold, Gold Filled, Nickel,
and Steel.*



Samples & quotations sent on application.

Price Lists of MOTOR GOGGLES,
CYCLIST GOGGLES, AND
TINTED SPECTACLES, &c.,
sent post free on receipt of
Trade Card.



STIPENDUM CORK STOPPERS

In
all sizes
suitable for
KALIS, CITRATES,
DISPENSING, and all
FLUIDS.

STIPENDUM COVERED POTS

THE BEST FOR FACE AND TOOTH POWDERS,
PASTES, AND OINTMENTS.
GREASE PROOF.

For Samples and particulars apply to
The . . .
Stipendum Stopper Co.
1 Newman Street,
LONDON, W.
Tel. No. 3769.
GERRARD.



ABSORBINE (YOUNG'S)

will reduce Inflamed, Swollen Joints, Bruises, Soft
Bunches. Cure Boils, Fistula or any unhealthy sore
quickly; pleasant to use; does not blister under band-
ages or remove the hair, and you can work the horse. 8/9 per
bottle at dealers or delivered. Horse Book 7D free.

ABSORBINE Jr., for human use, 4/6 per bottle. Reduces
Varicose Veins, Varicocele, Hydrocele, Gout, Wens, Strains,
Bruises, stops pain and inflammation. Genuine in Litho-
graphed Tin Cans. Manufactured only by

W. F. YOUNG, P.D.F., Springfield Mass., U.S.A.

Advertisements like the above are appearing in all the important
farm and stock papers throughout the United Kingdom. Many
chemists carry the goods in stock. This is bound to create a constant
and ever-increasing demand for the remedy. Inquiries from your
section referred to you. If you have not already advised us that you
carry ABSORBINE in stock, do so immediately, so that your name
will surely appear on our reference list.

Sole Agents for the United Kingdom: THOS. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.

INDEX and BUYERS' GUIDE

See pages 7 to 11.

Elastic, Rubberless, Washable, Hygienic, Fast Edges, Cool, Light, Porous.

CRÊPE BANDAGES.

SUPERIOR ENGLISH MANUFACTURE.

From 3/9 doz. In all widths and qualities. Manufactured by—
THE NORWICH CRÊPE CO. (1856) Ltd., St. Augustines, NORWICH.
Samples Free. Special Terms for Quantities.

Without Question—The Best.

DUCHESS **2d. TOILETS.**

Regd.

Exquisitely Perfumed. For sale by Chemists only.**SEVENTEEN DIFFERENT VARIETIES.****TRY A SAMPLE GROSS - - CARRIAGE PAID.**

*Samples
free on
Application.*

If you require an "OWN NAME" Soap, see our
samples and quotations before going elsewhere.
IT WILL PAY YOU.

*Samples
free on
Application.*

The ERASMIC Co., Ltd., WARRINGTON.**COURVOISIER'S****CONCENTRATED CC PERFUMES****(WITHOUT SPIRIT).**

When purchasing,
mention C.C. with
the name of the
Perfume.

VIOTTO, C.C.
HAVANITA, C.C.
LILY OF THE
VALLEY, C.C.
ROSE, C.C.

30/- per doz. nett.
3 9 per vial retail.



Actual Size of Vial

A tiny vial, yet containing more essence than an
ordinary bottle of perfume at a higher price.

A ready selling line backed by advertising and giving
entire satisfaction to the purchaser.

Entered on the P.A.T.A.

A STRONG SELLING ARGUMENT.

Courvoisier's C.C. Perfumes contain no spirits, therefore
they, and incidentally the purchaser, pay no spirit duty.

Of your Wholesaler, or direct from—

H. BRONNLEY & CO. Ltd.
ACTON VALE, LONDON, W.

IMPORTANT NOTICE

Owing to the combined increase of duty and cost of
labour, the Proprietors of **DR. PIERRE'S** Dental
Preparations can no longer maintain the prices of
their productions, which have remained unaltered
for a quarter of a century. Below are the prices
now established.

DR. PIERRE'S EAU DENTIFRICE

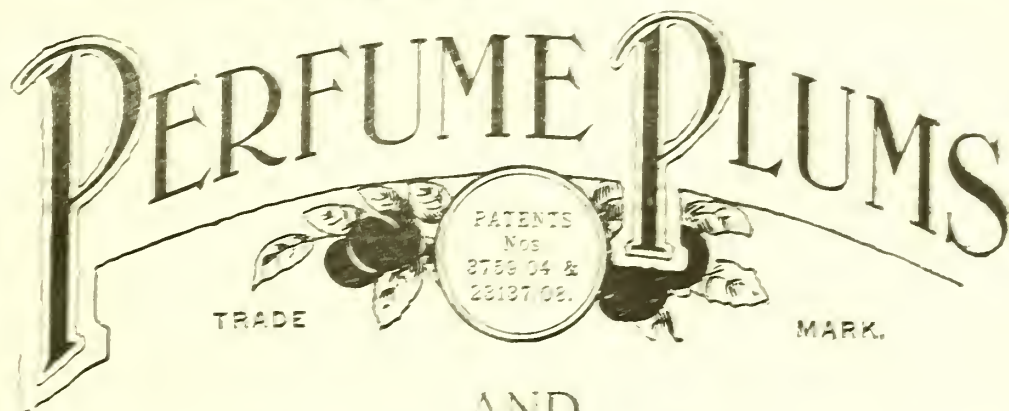
MINIMUM PRICES.

	Whole- sale	Retail	Adver- tised Price
Size 03	9-	10d.	1-
" 0 ¹	15-	1 5	1 9
" 1 ¹	27-	2 6	2 9
" 2 ¹	45/-	4 3	5-
* These three sizes, with Glass Sprinklers, 9d. per doz. extra.			
Size 3	89-	8 3	9 6
" 4	136-	12 6	14/-
" 5	271-	25 -	27/-
Travelling Flask...	35 -	3 3	4-
Corail and Quinquina Powder	9 -	10d.	1-
" " " "	12 -	1 2	1 3
" " " "	21 -	2 -	2 6
Email Powder (White)...	15/-	1 6	1 9
" Paste	9 -	10d.	1-
Tooth Paste (Rose), in Pots	18 -	1 8	2 -
" " " in Tubes	7 6	10d.	1 -
" (White) " "	9 6	11d.	1 -

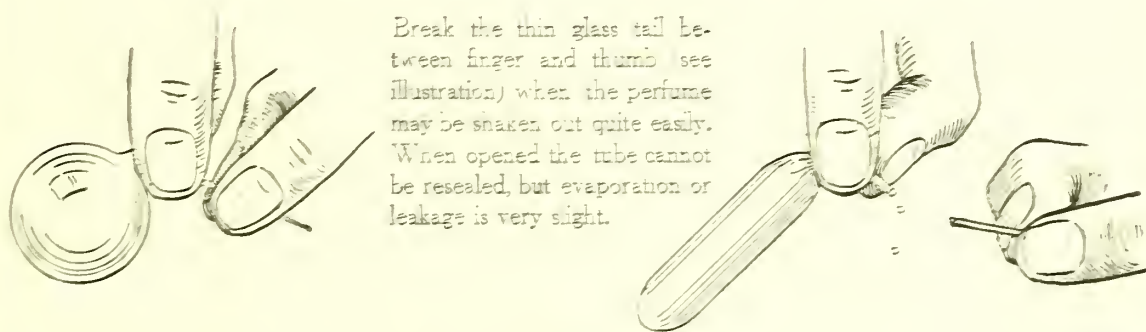
Price Lists and Show Cards on application from Depot—
203 REGENT STREET.

THE LATEST NOVELTIES IN PERFUMES

A judicious selection from among our choice assortment of the Season's Novelties will greatly assist in the production of most fascinating window displays. We specially direct the attention of Chemists to our



"SCENTLETTES"



Break the thin glass tail between finger and thumb (see illustration) when the perfume may be shaken out quite easily. When opened the tube cannot be resealed, but evaporation or leakage is very slight.

Until opened the bulb is hermetically sealed and the scent will retain its strength for an unlimited period. The bulb may be conveniently carried in purse or handbag. If laid among handkerchiefs, it will thoroughly perfume same.

THESE NOVELTIES CONTAIN PERFUMES OF GREATEST FRAGRANCE AND ARE PUT UP IN A VARIETY OF ATTRACTIVE FORMS RETAILING AT ALL PRICES.

G. H. MORISON & CO. Ltd.

WHOLESALE PERFUMERS, PARIS.

London: Westinghouse Buildings, Norfolk Street, Strand, W.C.

The Mysantal Formaldehyde Toilet Soap.

(BRITISH MANUFACTURE).

Is used by the highest authorities; its powerful antiseptic properties are acknowledged to be of supreme service in keeping the hands white and soft, and removing all traces of the ravages of our changeable climate from face, neck, &c.

Write for particulars to

The MYSANTAL CO., 55 Berners Street, London, W.

May Queen
POWDERED TOILET SOAP.
DELICATELY PERFUMED.
Packed in Prettily Decorated Sprinklers.
Certified by Dr. A. B. Griffiths of London Public Analyst as the "VERY BEST TOILET SOAP". Antiseptic, Disinfectant + Hygienic.
Write for Sample Tin to **HENRY SHAW & CO DUKINFIELD.**

J.D. PRODUCTS ARE GOOD TRADE MAKERS.

**I
R N R
E F E
L L M
I U E
A E D
B N I
L Z E
E A S**

*** ON
THE
P.A.T.A.**

Your name
on labels
if desired.

Competition for Quality.

JULES DENOVAL & CO.
Manufacturers.

Carlton Works,
ASYLUM ROAD,
LONDON, S.E.

FORMALIN THROAT TABLETS.

Mint, Rose, Lemon or Menthol Flavour.

In amber bottles, each 50 tablets,
5 6 per doz. In bulk 3 - per lb.

***QUININE & CINNAMON OIL PERLES.**

Each containing: Quinine Sulph. gr. i.
and Ol. Cinnamon, B.P. 3ij. In fancy
decorated tins, each 24 Perles, 6 6 per
doz. Minimum retail 1 - per box.

***AMMONIATED QUININE CAPSULES.**

Twenty-four capsules each containing
the equivalent of 60 m Tr. Ammon.
Quin. B.P. packed in neat decorated
tins for the pocket. 6 - per doz.
Minimum retail 1 - per box.

**ANTISEPTIC CINNAMON & FORMALIN
LOZENGES.**

A very effective combination with great
antiseptic properties. In screw cap
bottles, each 50 lozenges, 5 6 per doz.
In bulk 3 - per lb.

ANTISEPTIC THROAT PASTILLES.

Thyme, Eucalyptol, Menthol, Gaultheria, Licorice,
Terebene and Pine Oil.

In bulk, 16 per lb., free tins. In glass
show jars, each 6 lbs., 10 - inclusive.
1 oz. tins 1 10 doz. 2 oz. tins 3 6 doz.
4 oz. tins 5 6 doz.

***PLATYPUS BRAND OIL OF EUCA-
LYPTUS CLOBULUS.**

5 lb. tins 2 3 lb.; 10 lb. tins 2 2 lb.;
28 lb. tins 2 - lb. 3d. bottles 1 8 doz.
6d. bottles in cartons 3 8 doz. 1/-
bottles in cartons 7 4 doz.

***PINE TREE LOZENGES. J. D. & Co.**

The Original Pine-Tree Lozenge.
2 oz. tins 3 9 doz. Minimum retail
7 4d. per box.

Judson's Wax Polish

For Linoleum, Furniture,
Stained Floor Edging, etc.



3d., 6d., and 1/- Tins.

Write for Samples and Prices.

DANIEL JUDSON & SON,
Mack's Road, BERMONDSEY, S.E.

**Sells Well!
Pays
to Sell!!**

THROUGH ALL WHOLESALE HOUSES.

THE RIGHT
PRICE

BARNETT'S

THE RIGHT
QUALITY

FIRST

AID

COLD



CREAM

2 lb. Boxes 1/6 lb., less 10%.

6d. Pots (1 1/2 oz.) 4/6 doz., 10%, or Cards of
18 x 2d. Tins 2/- Card, 10%.

2LB. SAMPLE POST FREE

To any Chemist who says he has not tried it.

The World challenged to produce its equal in appearance or effect, as a Cold Cream, Face Cream, or as a Chemists' Specialty Cream, guaranteed never to go rancid in any temperature, or alter in its appearance. This article was the only cause of the revival in sales of Cold Cream, and created the demand for skin foods. Its superiority and its enormous sale created many imitators, but as yet no equal. Prove it by examination. Sample is free. Keep the sample for a few weeks by the side of imitations, and then judge for yourself.

BARNETT & CO., Manufacturing Perfumers,
126 Bristol Street, BIRMINGHAM.

SUPPORT HOME INDUSTRIES.

Estd. 1777.



**BUY
KENT'S
BRUSHES.**

Winter Issue, 1909, pp. 86, 87.
Diary, 1909, pp. 46, 47.



BIDWELLS'
GOLD MEDAL
TOOTH BRUSHES.

ILLUSTRATED CATALOGUE FREE ON APPLICATION.

HEAD OFFICE AND FACTORIES:
AXMINSTER, DEVON.

ESTD.
1839.

"B.&K."

BRAND

OTTO
OF
ROSE

GUARANTEED PURE. DISTILLED BY
BONTCHEFF & KIDOFF OF KAZANLIK

SOLE AGENTS IN THE UNITED KINGDOM:

Fredk. Boehm Ltd

16 Jewry Street, London, E.C.

Wholesale Quantities only.

The number of dentifrices is myriad, their names are legion,

But—

in principle and in efficiency there is but one,

CALOX

THE OXYGEN TOOTH POWDER.

Its principle is the evolution of oxygen.

Its efficiency as a cleanser of the teeth is due to the oxygen which it generates when used.

Not only antiseptic, but deodorant, two desirable properties of a tooth powder. Its oxidizing and deodorizing power was obvious in our experiments.—THE LANCET, London, Eng.

Possesses not only strong antiseptic, but deodorizing and oxidizing properties, as the result of which the teeth, after a few days' use of CALOX, acquire a pearly whiteness.—THE CHEMIST AND DRUGGIST, London.

CALOX is entirely different from other dentifrices. Its introduction marks a decided advance in the scientific development of a dentifrice, a fact which the dental profession the world over has been quick to recognise. Chemists should interest themselves in Calox because only a chemist can explain the peculiar virtues and value of an oxygen-producing dentifrice.

Price to the trade, 9/6 per dozen on the P.A.T.A. plan.

McKESSON & ROBBINS, New York, U.S.A., Manufacturers.

BRITISH DEPOT—A. C. WOOTTON, 14 Trinity Sq., Tower Hill, London, E.C.

PRICE'S GLYCERIN.

GUARANTEED CHEMICALLY PURE.



Since its introduction in 1855, PRICE'S GLYCERIN has maintained an unrivalled position, and can be confidently recommended on account of its reputation for unsurpassed purity and for the uniformity of its quality.

GRAND PRIZE FRANCO-BRITISH EXHIBITION AND
HIGHEST AWARDS AT ALL THE GREAT EXHIBITIONS.



PRICE'S PATENT CANDLE COMPANY,
LIMITED,

LONDON, LIVERPOOL & MANCHESTER.

IMPORTANT NOTICE

TO

CHEMISTS AND DRUGGISTS.



Messrs. A. ROWLAND & SONS, proprietors of Rowland's Macassar Oil, for strengthening the growth of the Hair; Kalydor, for beautifying the Complexion; and Odonto, for whitening the teeth and preventing their decay, have just had designed for them a new and beautifully coloured

SHOW CARD

and will be glad to send one free of cost to any Chemist or Druggist who will send his name and address.

ROWLANDS' TOILET ARTICLES have been known for the last 120 years as the purest and best preparations for the Hair, Skin, and Teeth that have ever been made. They are largely advertised all over the world, consequently there is always a regular demand for them, and they should therefore be kept in stock by all stores, chemists, and druggists.

A. ROWLAND & SONS, 67 HATTON GARDEN, LONDON.

On the P.A.T.A. List. *The First Marking Ink Enrolled.* Yields 40% Minimum Profit.

ORDER

JOHN BOND'S "CRYSTAL PALACE" MARKING INK

Supplied to the Royal Households, and awarded 45 Gold Medals, &c.

Heat or Non-Heat.	Protected Minimum Price.	Minimum Price to the Retail.	Minimum Price to the Wholesale.
6d. size 1s. "	4d. per bot. 8d. "	2/9 doz. net 5/6 "	3s/- gross net 60/- "

100 Years' WORLD WIDE Reputation.

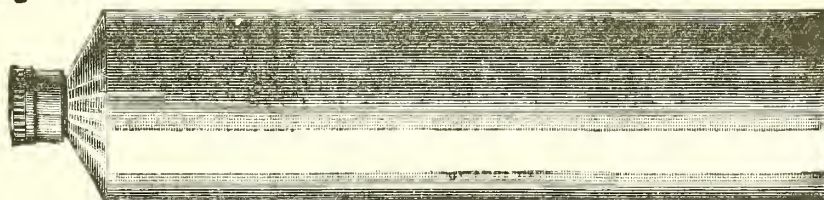
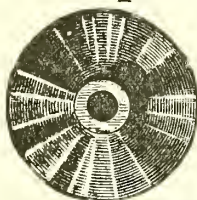
N.B.—When ordering through the Wholesale, please specify the "CRYSTAL PALACE INK," and if the Original Preparation Requiring Heat, the Non-Heat kind, or Assorted is required; and in order that no customer may suffer loss through old or soiled stock, this can always be exchanged for fresh, either direct or through the Wholesale.

Manufactured by ALFRED BOND HICKISSON, Sole Proprietor, 75 Southgate Road, London, N.
Depot for HENRY BOND'S ORIGINAL INDELIBLE "OAK TREE" HEAT OR NON-HEAT MARKING INK.

METALLIC COLLAPSIBLE TUBES

For Paints, Perfumes, Shaving Creams, Soaps, Oils, &c.

Speciality: COLOURED and ORNATE TUBES.



Packed in Boxes with separate compartments for each Tube, thus obviating damage in transit.

Samples and Prices on application.

L. LUMLEY & CO. Ltd., 1 America Square, LONDON, E.C.

100% PROTECTED PROFIT.*Prices of Eucryl Tooth Powder to the Trade.***OPENING ORDERS**

BUYING PRICE.	£	s.	d.
3 doz. 6d. tins at 3/6 doz. ...	0	10	6
1 doz. 6d. free (for counter display) -	-	-	-
Free samples, showcards, etc. ...	-	-	-
Carriage Paid ...	£0	10	6

SELLING PRICE.	£	s.	d.
4 dozen at 6d. ...	1	4	0
	£1	4	0

REPEAT ORDERS.

BUYING PRICE.	£	s.	d.
3 doz. 6d. tins at 3/6 doz. ...	0	10	6
½ doz. 6d. free (for counter display) -	-	-	-
Free samples, showcards, etc. ...	-	-	-
Carriage Paid ...	£0	10	6

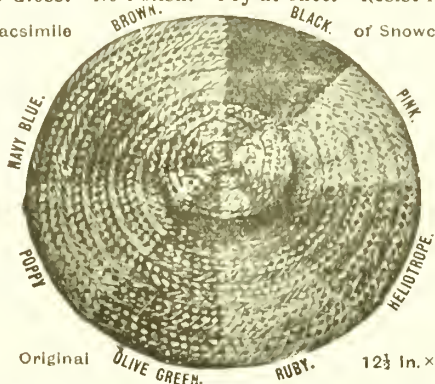
SELLING PRICE	£	s.	d.
3½ dozen at 6d. ...	1	1	0
	£1	1	0

EUCRYL TOOTH POWDER.*To be obtained from all the Principal Wholesale Houses, or direct from The Proprietors,***EUCRYL LIMITED, HULL.**

A new Invention of Great Utility.

"LUTON" HAT DYES

No Gloss. No Polish. Dry at once. Resist rain.

Facsimile **BROWN.** **BLACK.** of Snowcard.

12½ in. x 10 in.

In bottles, 6d. each, in separate neat cartons, with suitable brush

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

Write for terms and patterns:

WHITAKER & CO.

Colour Works, KENDAL, ENGL.

SPECIALISTS IN VARNISHES, STAINS, DYES, &c. ESTD. 1878.

Colonial Testimonial—"Your 'Lutons' have really come up to the mark."—Geo. H. Langton, Port of Spain, Trinidad.

CARRIAGE FREE

CENT. PER CENT. PROFIT**Special CASH OFFER for WINDOW DISPLAY.**

As a trial order we are prepared to send—

1 doz.
6d. size
and
1 doz.
1/- size

FOR

5/3

CARRIAGE FREE.



As a trial order we are prepared to send—

1 doz.
6d. size
and
1 doz.
1/- size

FOR

5/3

CARRIAGE FREE.

We print your name and address on three times the above quantity.

O'NEIL ZETTS & CO.

182 Stroud Green Road, N.

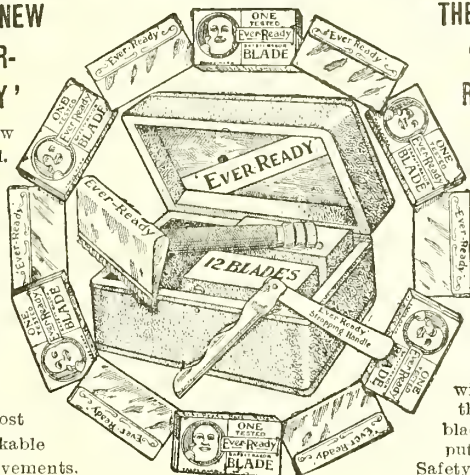
CARRIAGE FREE

THE NEW 'Ever-Ready' 12 Bladed 5/ Safety Razor

THE NEW
'EVER-READY'

is a New
Marvel.

Its
new
basis
is the
new
frame
which
pos-
sesses
the most
remarkable
improvements.



THE NEW
'EVER-READY'

is a
model
of effici-
ency.

Hand-
someness
Silver
plated.

British
made.

Retails
for 5/-

with 12 of
the finest
blades ever
put into a
Safety Razor.

Guaranteed Perfect.

Largely Advertised.

Price 40/- per dozen.

THE INTERNATIONAL DISTRIBUTING CO., Ltd., 2 & 3 Stonecutter St., LONDON, E.C.

BERSET

TRADE MARK

SHAVING BRUSHES

BRISTLES GRIPPED IN HARD RUBBER

The Brush that can't
Shed a Bristle.

The wonderful Berset composition is a process of twining soft rubber to a flint hardness, only after it has caught hold of each bristle with a vice-like grip. This process makes the Berset Brush impervious to the hard tests that a shaving brush must undergo.

Berset Shaving Brushes are guaranteed to the public never to shed a bristle, or the full purchase price will be refunded.

Berset Shaving Brushes are being advertised to the public. Advertised in large spaces in all the leading dailies and weeklies.

The only Shaving Brushes advertised to the public because they are the only brushes that can be guaranteed.

BERSET BRUSHES retail
from 1/- to 21/- each.

Do you want to reap the benefit from the demand that this publicity is creating? If so, send to us immediately for Catalogue and Price List.

We supply, gratis, handsome signs, hangers, cut-outs, circulars, leaflets, booklets, etc.



TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO., LD.

The Largest Makers in the Kingdom.
BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

YOU GET A 7d. COUPON with every package of Lavona de Composée or Flowers of Oxxoin

This Coupon is good for retail chemists only, and is redeemable by us in our other preparations as listed thereon.

Our Specialities are:—

Lavona de Composée (Smith's)
Flowers of Oxxoin (Neal's)
French Fon Fleur Perfume.
Harriett Meta's Gold Medal Hair Tonic.
Harriett Meta's Milk of Roses.
Neal's Olivine (A New Liquid Soap).

Crème To-Kalon.
Crème Supérieure.
To-Kalon Talcum Powder.
To-Kalon Denta Crème.
To-Kalon Complexion Powder.
Sozo (The Great Deodorant).

Price Lists and Showcards gladly sent on application.

To-Kalon Manufacturing Co., Ltd., 61 New Oxford St., London, W.C.

N.B.—WE ARE ON THE P.A.T.A. LIST.



"THE PRACTITIONER."

DIAMALT WITH COD LIVER OIL.

(London: THE BRITISH DIAMALT COMPANY, 11 Southwark Street, S.E.)

We have received samples of DiaMalt mixed with cod-liver oil in varying strengths. In one of the samples submitted for examination the cod-liver oil mixed in with the product amounts to 15 per cent. by weight, and in the other the proportion of cod-liver oil is as high as 33 per cent. by weight. An important point observed is the freedom from preservatives and from foreign ingredients such as flavouring substances. An essential condition for the success of these products is the removal of the taste of cod-liver oil, and it is noteworthy how well this difficult task has been achieved by the use of aromatic malt. DiaMalt with cod-liver oil places at the disposal of medical men a convenient and ready method of administering cod-liver oil, and the therapeutic value of the product is enhanced by reason of the label placed on each jar stating the percentage of oil present, thus furnishing accurate and reliable data for purposes of dosage.

Sold on P.A.T.A. Rules.

THE BRITISH DIAMALT CO., 11 & 13 Southwark St.
LONDON, S.E.

We invite Chemists interested in the sale of

AGRICULTURAL AND HORTICULTURAL PREPARATIONS

to apply to us for our VAPORITE PRICE LISTS No. 39 and the trade terms which we offer for the sale of VAPORITE.

VAPORITE

1. Is the most important Agri-Horticultural discovery of this generation.
2. Commands the largest sale of all soil insecticides.

SOLD IN ENAMELLED TINS AND CASKS.

Showcards and leaflets supplied free.

The Vaporite-Strawson Co., Ltd., (DEPT. No. 19)
Spencer House, South Place, LONDON, E.C.

ON P.A.T.A. LIST.

CHAMELEON OIL "NO NEED TO RUB!"

FOR HUMAN USE

Advertised Prices 1/12 & 2/9 per bottle

Wholesale Prices 10/- & 24/- per dozen

FOR VETERINARY USE

2/- & 4/3 per bottle

17/- & 35/- per dozen

THE CHAMELEON OIL Co. Ltd. 4, ALBANY COURT YARD, LONDON, W.

Why Take Risks?

The "P., D. & Co." Cod Liver Oil Emulsion

With Hypophosphites, R "B,"

has an established reputation.

GUARANTEE.

If for any reason this Emulsion is found unsatisfactory within one year from date of invoice, it may be returned to us for credit.

PARKE, DAVIS & Co.

It is sold under an explicit guarantee which absolutely protects the Chemist from loss through unsaleable stock. No burden of explanation is imposed. If the Chemist is not fully satisfied, he is asked to send the goods back, and credit will be given.

This Emulsion will please your customers and enhance your reputation.

Now is the time to place your order for the season.

May we send you a sample, with prices and specimens of Chemists' own labels?

PARKE, DAVIS & CO., Beak Street, Regent Street, LONDON, W.

Tidman's Sea Salt, &c.

Special Terms to the end of the year

To encourage the sale of Tidman's Sea Salt and other preparations, the proprietors will pay carriage on all orders of £1 and upwards instead of £2 and upwards, prices and terms as under. Tidman's goods only require showing; they then sell themselves and yield large profits.

All Prices subject to 5 per cent. discount for cash.

All Orders—Cases Free.

TIDMAN'S SEA SALT.

Retail at

1d. Packets, 1 doz. in box, 8/- per gross,	1d. ea. or 1/- a box.
2d. " " " 15/6 "	2d. " 2/- "
1d. Linen Bags " " 7/- "	1d. " 1/- "
2d. " " " 14/- "	2d. " 2/- "
1½ lb. Wooden Boxes, 2/8 per doz.	4d. each.
3 lb. " " 5/3 "	6d. "
7 lb. " " 10/3 "	1/- to 1½ each.
14 lb. " " 18/9 "	2/- to 2/6 "
1 cwt. Bags, car. pd. 8/6 each	10/-
½-cwt. " " 4/3 "	5/6
¼-cwt. " " 2/7 "	3/-

despatched carriage paid to consumer's address if required.

TIDMAN'S TABLE SALT, cheapest and best in the market, the King of Table Salts, finest, whitest, and never cakes.

Tins, about 1½ lbs., ½ doz. in box, 3/- per doz. ... 4d. to 6d. each.
Large Tins, about 3½ lbs., 4/6 per doz. 8d. to 1/- "

TIDMAN & SON, LTD.

WAPPING, LONDON. E.

ESFON

The
Nerve
Food.

ESFON

A Powder-Food that CURES.
Reinforces the NERVES.
Strengthens the system.
Appeals especially to Vegetarians.
Most palatable and really curative.
Interesting booklet on the relation of food to the nervous system.
A booklet on the counter and the Food sells itself.
Minimum retail price, 1/6, 3/-, 6/-.

C. J. BURT,

12 & 13 Henrietta St., London, W.C.

SAL HEPATICA.

PUT UP FOR EXPORT:

Small	size, 3 oz. bottle, in case.
Medium	" 7 " " "
Large	" 16 " " "

OBTAINABLE IN LONDON FROM

Thos. Christy & Co., 4-12 Old Swan Lane, Upper Thames Street, E.C.

The American Drug Stores, 4 Northumberland Avenue, Charing Cross, W.C., and Craven House, Kingway, W.C.

Burgoyne, Burbidges, & Co., 16 Coleman Street, E.C.

F. Newbery & Sons, Ltd., 27 Charterhouse Square.

Roberts & Co., 76 New Bond Street, W.



WHITE OILS.

Petroleum Jellies, White, Cream, Pale Yellow, Yellow, Orange, &c. White and Half White Oils, Odourless, Tasteless, Bloomless. Bloomless Oils, Light and Dark Yellow, Light and Dark Green, Red, &c.

Samples and quotations on application to the Sole Manufacturers:—

The STERN SONNEBORN OIL CO., Ltd.

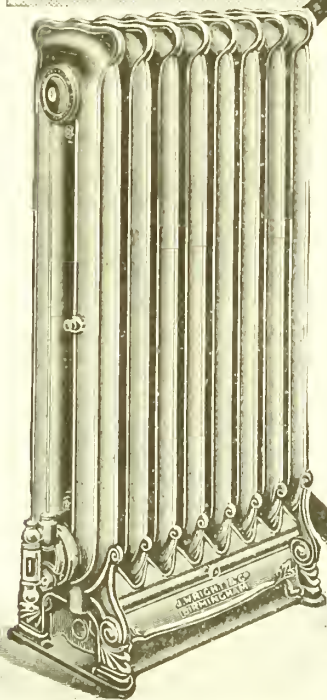
"Royal London House," 16 Finsbury Square, London, E.C. & 108 Hope St., Glasgow.

Telegraphic Addresses: "CENTUMVIR LONDON."

Telephone Nos.: 3797 & 3798 LONDON WALL.

"CENTUMVIR GLASGOW."

1 Y, ARGYLE, GLASGOW.



The New Method OF HEATING.

With an exceptionally severe winter predicted, Chemists and Stores throughout the country have hurried on their preparations for securing winter warmth at an exceptionally cheap rate by installing

The "St. Andrew" Gas-Steam Radiator

The Ideal Heating Stove for PHARMACIES, WAREHOUSES, OFFICES, &c. The "St. Andrew" only needs a gas connection—can be placed anywhere—needs practically no attention—and is cleanly and odourless.

GAS AUTOMATICALLY CONTROLLED.

Write for "Warmth at Will."

JOHN WRIGHT & CO.

(A 6) Essex Works, Birmingham.



IMPORTANT



As Pioneers of Counter Adjuncts bearing Customer's Name and Address, and for many of which we have an assortment of Labels, and they thus become the proprietaries of the individual Chemist, we wish to bring them prominently before the notice of the trade, and shall be pleased to send list to those who have not got one.

EVANS SONS LESCHER & WEBB
LIMITED
LIVERPOOL & LONDON

TO THE MEMBERS OF
UCAL

United Chemists' Association Limited.

Your loyalty to each other, your prompt and splendid support to the **ONLY UNITED EFFORT** ever made to save the Business of Pharmacy for the Pharmacist, stands unparalleled in the commercial history of our craft.

Now that the crisis is over, and the success of UCAL *assured*, you have at command a strong fighting force, hitherto unknown, whose every action will be on your side.

LOYALTY is the keynote of UCAL success. UCAL is a preserve, strictly guarded and fortified against trespassers, and **NO OUTSIDER** can ever be admitted into our ranks. UCAL Capital is **YOUR CAPITAL**, and every penny of UCAL profits belong to the Pharmacists who earn it.

UCAL is a combination of *small* Retailers—men forced either to combine or to be crushed out one by one. *United*, we are strong enough to fight successfully against any opposing force.

UCAL creates a new ideal for Pharmacists, demonstrating that **JOINT ACTION** means *power*, and power usually spells commercial success.

UCAL is a modern business **NECESSITY**. The Directors will spare no effort to make it more so, and in **THANKING YOU** for your prompt and generous response, assure you of their unflinching devotion.

Non-Members are invited to send for Prospectus to

The Secretary, **U.C.A.L.**,

Vulcan Chambers,

St. James Street, Sheffield.

LISTERINE

The Popular American Antiseptic.

A non-toxic antiseptic of known and definite power prepared in a form convenient for immediate use; of ready dilution, slightly, pleasant, and sufficiently powerful for all purposes of asepsis—these are advantages which Listerine embodies.

The success of Listerine is based upon merit, and the best advertisement of Listerine is—Listerine.

LISTERINE DERMATIC SOAP

Designed to meet the most exacting requirements of a saponaceous detergent for use in the antiseptic treatment of diseases of the skin. No animal fats, and only the best vegetable oils enter into its composition, and of these it contains a surplus, "superfatted." It is a bland, unirritating and remarkably efficient soap.

LISTERINE TOOTH POWDER

This powder is not intended to supplant Listerine in the daily toilet of the teeth, but is offered in response to the demand for a frictionary dentifrice to be used in conjunction with this well-known and time-tried antiseptic.

Listerine Tooth Powder, like Listerine, will advertise itself by its intrinsic merit.


BRITISH TRADE SUPPLIED BY

S. MAW, SON & SONS, 7 to 12 Aldersgate St., London, E.C.

General Agents for Great Britain.

FOR DESCRIPTIVE LITERATURE, ADDRESS—

LAMBERT PHARMACAL CO., St. Louis, U.S.A.



ZOTOS

The demand for this well-known Remedy against

Sea-Sickness
TRAIN-SICKNESS, &c.

is just as great in the Winter owing to the bad weather then experienced and to the large number of people who leave this country during the winter months

ZOTOS has been and will continue to be well advertised. Although quite a new article it is extremely well known and commands a ready sale.

ZOTOS is certified by Mr. Ernest J. Parry, B.Sc., F.I.C., F.C.S.; has no bad after-effects and is absolutely harmless.

On the P.A.T.A. List.

REMEMBER every Traveller requires a box of "ZOTOS," and all Travellers call at their Chemist's for supplies before going on a voyage.

Sole Proprietors:

ZOTOS LTD 32-34 Theobald's Rd., LONDON, W.C.

Telephone: 1348 City. Telegrams: "Zotosette."

TRADE
MARK

'Tabloid' BRAND Products

in Present Demand



The following 'Tabloid' products are selected from those which engage the attention of Physicians at this period of the year, and Pharmacists should prepare for seasonable and profitable dispensing.



TRADE MARK 'TABLOID' BRAND AMMONIATED QUININE (Sugar-Coated)
Issued in bottles of 25 and 100, at 10/- and 24/- per dozen bottles

TRADE MARK 'TABLOID' BRAND AMMONIUM CHLORIDE COMPOUND
Issued in bottles of 25 and 100, at 6/- and 14/- per dozen bottles

TRADE MARK 'TABLOID' BRAND BENZOIC ACID COMPOUND
Issued in bottles of 25 and 100, at 12/- and 36/- per dozen bottles

TRADE MARK 'TABLOID' BRAND CUBEB COMPOUND
Issued in bottles of 25 and 100, at 6/- and 18/- per dozen bottles

TRADE MARK 'TABLOID' BRAND MENTHOL COMPOUND
Issued in bottles of 100, at 14/- per dozen bottles

TRADE MARK 'TABLOID' BRAND PHENACETIN & QUININE COMPOUND
Issued in bottles of 100, at 26/- per dozen bottles

TRADE MARK 'TABLOID' BRAND QUININE COMPOUND
Issued in bottles of 25 and 100, at 8/- and 24/- per dozen bottles

TRADE MARK 'TABLOID' BRAND QUININE AND CAMPHOR
Issued in bottles of 25 and 100, at 6/- and 16/- per dozen bottles

TRADE MARK 'TABLOID' BRAND TAR AND CODEINE
Issued in bottles of 25 and 100, at 9/- and 26/- per dozen bottles

TRADE MARK 'TABLOID' BRAND TEREbene min. 5, (Capsule)
Issued in boxes of 50, at 20/- per dozen boxes

TRADE MARK 'TABLOID' BRAND VOICE (Cocaine Compound, Potassium Chlorate and Borax)
Issued in white metal boxes of 25 and 80, at 6/- and 10/- per dozen boxes; also in bottles of 80, at 12/- per dozen bottles

TRADE MARK 'TABLOID' BRAND 'XAXA' (Acetyl-salicylic Acid), gr. 5
(Trade Mark)
Issued in bottles of 25 and 100, at 8/- and 18/- per dozen bottles

TRADE MARK 'TABLOID' BRAND 'XAXAQUIN' (Quinine Acetyl-salicylate), gr. 3
(Trade Mark)
Issued in bottles of 25 and 100, at 9/- and 27/- per dozen bottles

TRADE MARK 'TABLOID' BRAND 'XAXA' AND 'XAXAQUIN'
Issued in bottles of 25 and 100, at 8/- and 24/- per dozen bottles

BURROUGHS WELLCOME & CO.
LONDON (ENG.)

NEW YORK
CAPE TOWN

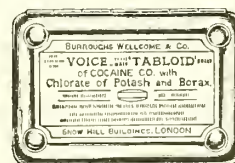
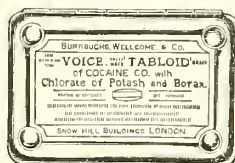
MONTREAL
SHANGHAI

SYDNEY

[COPYRIGHT



G 256]



B.D.H.

Telephones—
LONDON WALL
6123
(5 Lines)

Telegrams—
"BARRONETTA LONDON,"
"ASHILL LONDON,"
"FRANCIS LONDON,"
"BOLLAND LONDON."



EMULSION OF PURE COD LIVER OIL with HYPOPHOSPHITES.

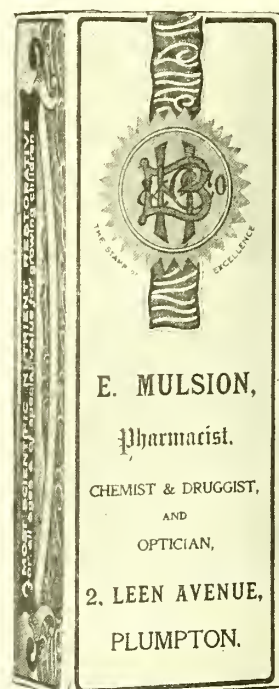
We have this season introduced
A NEW CARTON
in strong colours and of striking design.

It makes a most effective display which keeps **the Vendor's name** well before the buying public and sells the article at sight.

This Emulsion is in all respects the same as supplied with so much acceptance by our Barron Harveys & Co. Branch for many years.

We continue to supply the same Emulsion in plain grey and cream cartons (No. 6 pattern), also in bulk.

CONTRACTS FOR SEASON'S SUPPLY
- - ARE NOW BEING MADE. - -



THE BRITISH DRUG HOUSES LTD.

BARRON, HARVEYS & CO.

DAVY, HILL & CO.

HEARON, SQUIRE & FRANCIS.

HODGKINSONS, CLARKE & WARD.

Graham Street, City Road, London, N.



**A Weekly Journal of the Chemical and Drug Trades,
and of
British Pharmacists throughout the Empire,
ESTABLISHED 1859.**

The CHEMIST AND DRUGGIST is the leading journal addressing the chemical and drug trades of the British Empire. It is adopted as an official journal by seventeen Chemists' Societies in Australia, Ireland, New Zealand, South Africa and the West Indies, and its paid-in-advance circulation in Great Britain and all Countries having business relations with the British Empire is intrinsically and numerically unique.

Subscription Rates.

Ten shillings a year in advance, post free to any part of the world, including a copy of *The Chemists' and Druggists' Diary* next published. Subscriptions may begin any month. Single copy, 6d.: Summer or Winter Number, 1s. *Diary*, 8s. 6d. Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12-00 francs, franco.

Jährlicher Abonnementspreis: die Zeitung einmal wöchentlich, und der Notizkalender einmal im Jahre, 10 Mark, postfrei.

Precio de suscripción anual: el periodico una vez por semana, y el agenda una vez por año, 12-00 pesetas, franco.

*Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the

Head Office: 42 CANNON STREET, LONDON, E.C.

Telegrams: "Chemicus London." Telephone 352 Bank (two lines).

Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

CONTENTS: Vol. LXXV., No. 19 (Series No. 1554).

	PAGE		PAGE
Agri - Horticultural		Legal Reports	703
Poisons	720	London Drug Statistics	724
American News <i>Col. Supp.</i>		Marriages	707
Apothecaries' Assistants	718	New Companies and	
Association Presidents	721	Company News	707
Australasian News	702	Observations and Reflec-	
Bankruptcy Reports	706	tions	711
Births	707	Personalities	708
Books, New	715	Pharmaceutical Society	
Business Changes	709	of Great Britain:	
Canadian News	702	Council Meeting	716
College Notes <i>Col. Supp.</i>		Pharmacy	715
Coming Events <i>Col. Supp.</i>		Poisonings	710
Correspondence:		Practical Notes	710
Letters	730	Prescription Problem	724
Legal Queries	733	Scientific Progress	715
Miscellaneous In-		Scots News	701
quiries	733	Society of Chemical In-	
Deaths	707	dustry	729
Deed of Arrangement	707	South African News	701
Drug Stores Association	719	Trade-marks Applied for	724
Editorial Comments:		Trade Notes	708
The Agri - Horticul-		Trade Report	725
tural Position	712	Westminster Wisdom	709
The Opium Market	713	Winter Session:	
Retailing Benzine	713	Ipswich; Tunbridge	
The Spirit Surtax	713	Wells; Lancaster	
Apothecaries' Assist-		Traders; Scar-	
ants	714	borough; N.U.A.P.;	
Notes	714	Barnsley; Teesside;	
English News	698	Cheltenham; Dews-	
Festivities	723	bury	721
French News	701	Public Pharmacists;	
Gazette	706	West Riding Federa-	
Information Department	710	tion; Edinburgh	
Irish News	700	Assistants	722

SUBSCRIBING TO THE "C. & D."

THIS is an exceptionally busy season in our subscription department. It would be a great assistance to that part of our staff if C. & D. subscribers whose year expires this month would send in their subscriptions as early as possible, so that there may be no delay in despatching their copies of the 1910 *Diary*. Half-a-sovereign pays for fifty weekly numbers of the C. & D., the Winter and Summer Issues of 1910, and a copy of the *Diary*. This is a good time to begin subscribing. Do not wait until the end of the year—subscriptions may commence in any month, and now is the time to ensure getting a copy of the *Diary* for 1910. It is to be full of good practical articles and just the sort of information that business men need frequently throughout the business year.

Summary of the Week.

Articles and Communications.

We discuss the opium rise in an article on p. 713.

Chemists' hours are discussed in a forcible manner by Mr. James Reid (p. 731).

The position of chemists' assistants in India is the subject of a letter on p. 731.

Esperanto and Ido and other subjects are discussed by correspondents in letters on pp. 731-2.

We indicate in a brief editorial note that the agricultural poisons position shows a slight advance (p. 712).

In view of the critical state of the Finance Bill we discuss what may happen in regard to the spirit surtax and other "revenue" taxes. Whatever happens, it is expected that these taxes will go through (p. 714).

"Nrayser" deplores that the action under the Pharmacy Act, 1852, in regard to the use of the description "pharmacy" has failed. He considers that an attempt should be made to get back to more solid ground (p. 711).

The Chancellor of the Exchequer has embodied an amendment in the Finance Bill relieving retailers of benzine of the need for taking out a motor-spirit licence (p. 709). He has adopted a C. & D. suggestion, the genesis of which is explained in a note on p. 713.

The claim of apothecaries' assistants to immediate registration as pharmaceutical chemists ignores, we point out, the objects of the section to which they got themselves attached—viz., reciprocity with the Colonies on an apprenticeship curriculum and examination basis (p. 714).

Home News.

The Society of Dentists has had a good first year (p. 698).

The names of those who passed the Apothecaries' Assistants' examination last month are given on p. 698.

At the annual meeting of the Drug-stores Association Mr. Huntrods, the President, reviewed the year's work, and spoke sarcastically of the Pharmaceutical Society's efforts in administering the Pharmacy Acts (p. 713).

The Pharmaceutical Council at its meeting on Wednesday had routine business to transact, but there was a report from Scotland on poison-licences, and after the meeting a deputation of chemists from Cumberland and Westmoreland met the Council to discuss the situation (pp. 716-8).

At a meeting of apothecaries' assistants on Monday evening it was resolved to appeal to the Society of Apothecaries to use its best endeavours to get by-laws passed under Section 4 of the Poisons and Pharmacy Act. Mr. Mowbray Upton, Clerk to the Society, made a strong and somewhat threatening speech on the subject (p. 718).

The winter session goes along merrily. Our reports this week are prefaced with a portrait of Mr. W. Condy U'Ren, President of the Plymouth Association, and finish with an abstract of an interesting monograph on enzymes by Mr. Brown, President of the Edinburgh Assistants' Association (pp. 721-3). We received after our pages were made up a report of the meeting of the Northampton Association of Pharmacists on Tuesday evening, when Mr. E. Dennis delivered his presidential address.

Legal Reports

The Court of Appeal in London has this week been immersed in the law regulating the registration of old trade-marks. "Perfection" soap and "California Syrup of Figs" are the principal marks in question. We report the hearings on pp. 703-4.

The Bradford County Court Judge has again questioned the manner in which the Pharmaceutical Society's agent purchases poisons and sends the purchase to the analyst. He has reserved his decision in a case (p. 705). The Nottinghamshire police have prosecuted a pre-1868 druggist for not labelling laudanum (p. 705).

Trade Matters.

There is a good business undertone on the markets, and price-alterations are more numerous than usual. Quicksilver is much dearer, the Baron withdrawing his price after advancing it by 7s. 6d.; mercurials are 1d. up, but makers prefer to wait results before further action. Opium is still on the upward trend, and a further rise in codeine is anticipated. Pilocarpine, eserine, atropine, sweet-almond oil, and shellac are all more or less cheaper. Croton and coconut oils are dearer. Copper sulphate is firmer (p. 725).

English and Welsh News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Brevities.

Plans for additions to the East Ham factory of Messrs. Burgoyne, Burbidges & Co., at High Street South, have been passed by the local Town Council.

Among the judges in the competitions to be held during the Blackburn tradesmen's show week is Mr. R. C. Walshaw, chemist and druggist, of Huddersfield. The competitors' list includes 354 names.

At a meeting of the Kidderminster Town Council on October 27, Dr. Moore called attention to the illicit sale of "lead drugs" in consequence of a recent fatality. He hoped the medical officer and the sanitary inspector would make inquiries to discover the source of the supply.

The annual meeting of the British Medical Association next year will be held in London, the Council having accepted the invitation of the Metropolitan Counties branch. Mr. H. T. Butlin, President of the Royal College of Surgeons of England, has been nominated as President-elect.

The Incorporated Guild of Hairdressers, Wig-makers, and Perfumers has adopted a resolution discountenancing the use of dangerous shampoo compounds, and asks its members to aid in stamping out their use, reporting any cases that come under their notice. The resolution is to be sent to all the various provincial branches.

The Driffield Guardians had before them on October 28 the application of the medical officer for certain expensive medicines. Pills costing 5s. per gross were included among the items. A Guardian stated that pills at about three a penny could scarcely be called "expensive." If the doctor wished to experiment with pills, he ought to provide them at his own cost. The Board decided to provide the pills and other medicines.

At Highgate, on October 30, Stanley Owen (14) and five of his companions were remanded in connection with a theft of about 10l. from Mr. J. McRostie, chemist and druggist, 4 Palace Parade, Priory Road, Hornsey, London, N. Mr. McRostie left his till open, and when proceeding to make up his accounts found some of the cash had been abstracted, while Owen, who was in his employment, was missing. Owen, when arrested, stated his friend "Deafy," a young man of twenty-two, was hard up. Deafy received 1l. 15s. and the other four youths 5s. each "not to split."

At the Middlesex Sessions on November 1, Louis John Islip (67) was found guilty on fifty of the fifty-two counts in the nine foot indictment against him (*C. & D.*, October 30, p. 663). The prisoner submitted that there were no false pretences, for he purchased everything in his own name. He stated that he had been in the Royal Engineers for twenty nine years, retiring with the rank of captain. Waltzes composed by him were played at Earl's Court. Inspector Barrett stated that over 100 tradesmen had been defrauded in connection with the present charge, the sum involved being upwards of 400l. Prisoner was sentenced to two years' hard labour, to be followed on expiration by five years' penal servitude.

Commercial Intelligence.

A report to the Board of Trade by the Advisory Committee on Commercial Intelligence has been issued, covering the period August, 1905, to August, 1909. Most merchants are familiar with the work undertaken by the Commercial Intelligence Branch, and the report supplies abundant proof of its usefulness and activity. Since 1901 the number of written inquiries dealt with has grown from 1,220 to 6,704, and the personal inquiries from 394 to 4,503; the aggregate growth is from 1,624 to 11,267, or at the rate of 600 per cent. One of the labours of the Committee has been the revision of British Consular reports before they are published, and the checking, as far as circumstances permit, of the facts and information given. Suggestions are also made with a view to rendering the work of each individual Consul of the greatest practical use—a somewhat difficult matter. The report alludes to the commercial mis-

sions to Australia, New Zealand, and Canada, which were commented on in these columns at the time of the publication of the reports, and lengthy reference is made to the appointment of permanent trade commissioners in India and the Colonies. There are now nearly fifty representatives of the United Kingdom distributed throughout the oversea portions of the Empire, the principal of them devoting the whole of their time to their duties. The work accomplished in the French, Spanish, Danish, and Servian tariffs is also dealt with.

Analysts' Reports.

The Poplar analyst found that all the following samples examined during the past quarter were genuine: Vinegar, camphorated oil, cream of tartar, saffron, olive-oil, and ammoniated tincture of quinine; one sample of each being taken.

The analyst for the county of Lancaster reports that all the following samples were genuine: Pepper 43, vinegar 12, ginger 8, mustard 2, cream of tartar 2, liquorice powder 2, cod-liver oil 1, olive oil 1, orange-wine with quinine 1, citrate of magnesia 1, and arrowroot 1.

The Bedfordshire analyst reports that he examined the following samples during the past quarter: Sulphur 3, carbonate of soda 3, mustard 3, citric acid 2, cream of tartar 2, tartaric acid 2, arrowroot 1, boric acid 1, citrate of magnesia 1, vinegar 1, and sweet spirit of nitre 1. All were genuine with the exception of the last-named sample, which was 32 per cent. deficient in ethyl nitrite.

Birmingham Notes.

At a meeting of the Midland Pharmaceutical Association Council last week, Mr. A. W. Southall was elected Chairman for the third time.

Boots, Ltd., New Street, Birmingham, have a novelty in their window in the shape of a plate of small biscuits, one of which is spread with petroleum emulsion, and customers are invited to go inside and taste the dainty. The plate of biscuits is backed with a big display of petroleum emulsion in the various sizes.

In the early hours of Tuesday morning the fluctuation of the water pressure in the main caused a fire-alarm bell on the premises of Messrs. Southall Bros. & Barclay, Ltd., Dalton Street, Birmingham, to ring, and in response over sixty members of the fire-brigade, with four steamers, turned out. As a serious fire occurred at the same premises some months ago, the brigade evidently expected to have to cope with an equally extensive conflagration.

Society of Apothecaries of London.

At the examination held in October the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:

Akeroyd, C. H.	Fowler, K. E.	Nimmo, E. M. A.
Balme, E. M.	Green, L. M.	Nodder, R. M.
Bateman, J. C.	Greenwood, A. M.	Paine, E. M.
Bentley, J. F.	Herman, A. L.	Perry, E. E.
Brudenell, E. W.	Hobson, A. M.	Porteus, L.
Byron, C. D. B.	Jenkins, E. M.	Reilly, D.
Cant, S. E.	Jessop, H.	Riches, W. J.
Chambers, G. G.	Lings, P. M.	Rose, E.
Cole, M. E.	Little, C. M.	Smallwood, E. M.
Cook, H. N. F.	Mackinlay, M. J. P.	Smith, P. S.
Crookes, E. M.	Macdonald, E.	Stevenson, M. J.
Eales, F.	Martin, D. E.	Sykes, W. H.
Evans, M.	Maxwell, A. S.	Williams, M. G.
Forrester, J.	Maxwell, M. W.	Williams, G. M.

Society of British Dentists.

The first annual meeting was held at the Holborn Restaurant on October 28, the Chairman (Mr. Alfred Higgs, J.P., Kingston-on-Thames) presiding. The annual report and balance-sheet were received and adopted. In the course of the report it was stated:

One of the first matters of importance undertaken by the committee was to draw the attention of newspaper proprietors to advertisements of unqualified practitioners which appeared in the columns under classification "Dentistry," as being misleading to the public and implying qualification in dentistry. The committee appreciate the promptness of the Press which at once courteously rectified the cause for complaint. The committee engaged the services of an inquiry officer, and have successfully

undertaken the prosecution under the Dentists Act of ten unregistered practitioners, in addition to which successful prosecutions were undertaken in the name of the Society by one of the members.

The Treasurer's account showed receipts of 71*l.* 3*s.* 3*d.* from subscriptions and donations, and 22*l.* 5*s.* costs recovered in respect of prosecutions. The balance left in hand was 12*l.* 7*s.* 2*d.* The Chairman outlined the history of the Society and appealed for support. A discussion ensued upon unqualified practice, and the following resolution was passed:

That the committee take into their consideration the desirability of inserting in the public Press advertisements warning the public against unqualified practice of dentistry; and to consult, in all cases requiring dental skill, duly qualified dentists.

In the Public Service.

The following have been elected to serve upon municipal bodies:

Mr. G. Edward Bridge, chemist and druggist, Bournemouth.

Mr. A. F. Longdon, surgical-bandage manufacturer, Derby.

Mr. Ernest Henry Barritt, Ph.C., 26 Beaconsfield Avenue, Colchester.

Mr. C. G. Yates, chemist and druggist, 9 Upper Hamilton Road, Brighton.

Mr. Harold Strange Turner, chemist and druggist, The Pavement, St. Ives, Hunts.

Mr. Frank Oldham, chemist and druggist, 5 Clarkson Avenue, Wisbech (unopposed).

Mr. J. C. Peniney, chemist and druggist, for the Hackney Ward, Hackney, London, N.E.

Mr. P. H. Burton, chemist and druggist, 307 Cambridge Road, London, N.E., to the Bethnal Green Council.

Mr. C. E. Fox, J.P., pharmaceutical chemist, 109 Bethnal Green Road, London, N.E., to the Bethnal Green Council.

Mr. Thomas Ridley, chemist and druggist, 9 English Street, Carlisle, who polled a majority of 278 votes in a total of 596.

Mr. J. E. Lockyer, chemist and druggist, 244 Evelyn Street, Deptford, has been re-elected to the Deptford Borough Council as an independent candidate.

Mr. A. Fisk Barnard, Mayor of Bethnal Green, son of Mr. A. P. Barnard, chemist and druggist, headed the poll for the North Ward, Bethnal Green, London, E.

Mr. G. B. Barnard, 115A Stoke Newington Road and 309 Hackney Road, who was returned at the head of the poll for the Palatine Ward, Stoke Newington, London, N.E.

Mrs. T. H. W. Idris succeeded in her first attempt to secure election to the St. Pancras Council. Mrs. Idris has previously served for twelve years on the local Board of Guardians.

Mr. M. Marsh, Vice-President of the Drug Stores Association, was returned for the South Ossett division with a majority of 206 over his opponent, who has been on the Council many years.

Councillor Henry White, wholesale druggist, South Gate, Wakefield, President of the Yorkshire Federation of Commercial Travellers, who was returned unopposed for the St. John's Ward, Wakefield.

Mr. John Appleyard Heaton, chemist and druggist, St. James's Street, Burnley, has been elected without opposition as a member of the Town Council. Mr. Heaton is a noted angler, and created a record for the River Ribble just before his re-election by hooking and landing three fine salmon in one day, which scaled 14 lb., 16 lb., and 17½ lb., respectively.

Liverpool Notes.

The local movement towards earlier closing has not been all in vain. An appreciable improvement has resulted in most districts.

Mr. Gerald Lenton and Mr. Humphreys Jones have been co-opted members of the Chemists' Association Council, and have jointly taken up the secretaryship, rendered vacant by Mr. Last's resignation.

Mr. R. C. Herman has had the distinction of being returned to the City Council unopposed. The strenuous efforts which Mr. Herman exercised for the prevention

of licences being granted to promiscuous poison-dealers is recent history; that he did not finally succeed was no fault of his.

Meteorologically the elements during October have been very propitious for business; nevertheless, there is considerable discontent in the hearts of many members of the craft, because their returns indicate no prospect of any ability to swell the receipts of the National Exchequer by the payment of super income-tax.

A dinner was given by the students and staff of the Liverpool School of Tropical Medicine to its founder and chairman, Sir Alfred Jones, K.C.M.G., in the Exchange Station Hotel on Monday. Sir Alfred stated that the work of the School had been the means of saving some 20 or 30 per cent. of those who live in tropical climes. The death-rate in Africa had been reduced from 20 or 30 per cent. to 2 or 3 per cent. by their efforts.

Lectures on Essential Oils.

The fourth lecture of the series was delivered at the Borough Polytechnic Institute on October 27 by Mr. C. T. Bennett, B.Sc., F.I.C., the subject being the constituents of essential oils belonging to the aliphatic and aromatic series of hydrocarbons. The physical characters and chemical constitution of the paraffin hydrocarbons and olefinic terpenes were described, and the following benzene derivatives discussed in order to show their relationship to one another: Benzene, benzyl alcohol, benzaldehyde, benzoic acid and its esters, salicylic aldehyde and salicylic acid, anisyl alcohol, anisic aldehyde and anisic acid, cinnamic aldehyde and cinnamic acid, styrene, cymene and its relation to some of the terpenes occurring in essential oils. The various constants by which these bodies may be identified and their oxidation-products and other derivatives were described, with the general methods for their separation and isolation.

A Chemist's Hobby.

The late Mr. John Adolphus Clark, chemist and dentist, whose death was reported in *THE CHEMIST AND DRUGGIST*, December 26, 1938, was, during about fifty years, a collector of British lepidoptera. On Tuesday and Wednesday of this week Mr. J. C. Stevens, auctioneer, King Street, Covent Garden, London, sold the first portion of the late Mr. Clark's extensive collection, which was particularly rich in rare and extinct varieties. Good prices were obtained generally, and 15*l.*, the price obtained for Lot 222, is probably a record. This lot was a carpini, a magnificent brownish-black female, the ocelli still darker, captured at Tunbridge Wells by the late Mr. Clark on June 3, 1878. Lot 64 consisted of a cardui, which Mr. Clark bred in 1879, the larva being from the banks of the river Lea; this fetched 12*l.* 12*s.* Lot 62, another variety of the same species, taken at Dover, 1872, was sold for 10*l.* 10*s.* Other prices were 6*l.* for a beautiful athalia, 7*l.* 10*s.* and 5*l.* respectively for two varieties of agalia. Dispars ranged from 4*l.* to 6*l.* 10*s.*, while for those to whom a moth was a moth and nothing more, thirty-three lacertula, falcula, and unguicula looked wonderfully cheap at 3*s.*

Railway Rates on Drugs and Chemicals.

We have received from the Secretary of the London Chamber of Commerce a very long list of the signatories of the petition which the Chemical Section of the Chamber are sending to the Associated Railway Companies for the revision of the classification of drugs and chemicals. The list comprises chemists' and pharmaceutical associations and over 600 leading wholesale and retail chemists. We understand that numerous signed copies of the memorial are coming to hand each day, and any of our readers who have not yet done so should obtain a copy, sign and return it to the Secretary of the Chamber, Oxford Court, Cannon Street, London, E.C., without delay. We gather that it is intended to forward the Memorial to the Associated Railway Companies at the Railway Clearing House, Seymour Street, N.W., within the next few days.

Coroner on the Sale of Horticultural Poisons.

The Kingston-on-Thames Coroner (Dr. M. Taylor) held an inquiry last week relative to the death of H. I. Mitcham, seedsman, who was found dead in bed with an unlabelled phial (not an original bottle) by his side which had contained "XL-All Fumigating Compound." The evidence

showed that deceased had been in the habit of supplying "XL-All" insecticide to his customers, although he held no poison-licence. One of his assistants, in reply to the Coroner, said the fumigant was not kept in stock, but obtained to order. Witness did not know that it was illegal to supply it. No record was kept of the sales.—Mr. Alfred Higgs, J.P., as foreman of the jury, elicited from the witness that he had been in the trade about twelve years, and that it had been customary at other seedsmen's shops where he had been employed to obtain the preparation when it was asked for. Witness knew it was poisonous, and that a new Act had been passed regulating the sale of horticultural poisons, but he did not understand it. The Coroner, in summing up, remarked that deceased had been trading in poisons in a very loose and illegal way. He was continually having to remark how easily potent poisons could be obtained in large quantities from any oilshop, and he thought some greater restrictions were required. They owed a debt of gratitude to the foreman for the assistance he had given them in elucidating the case.—A verdict of suicide during temporary insanity by taking "XL-All" fumigating fluid, which contained nicotine, was returned. The jury also added the following rider, which they requested the Coroner to forward to the Pharmaceutical Society:

To call the attention of the Pharmaceutical Society, which is the authority entrusted with the administration of the Pharmacy Acts, to the evasions, and the necessity, in the interests of the general public, of being more vigilant. The Coroner said he entirely agreed with the rider.

Noxious Drugs.

At Leicester Winter Assizes on October 28, the jury found that Elizabeth Cart (23), patent medicine dealer, was not guilty of a charge of supplying a noxious drug with intent to produce a marriage. The case had been nearly completed at the January Assizes, when accused produced a circular which she alleged to be the formula for the pills, printed in Messrs. Potter & Clarke's list and made by a local chemist (*C. & D.*, January 30, Col. Supp.). A fresh analysis was ordered and the jury discharged. The accused was too ill to appear at the Summer Assizes. Dr. Dyer again deposed as to the results of his analysis, which showed that the pills contained one and three-quarter grains of aloes. Dr. Wilcox, of the Home Office, stated that the pills could not have been made according to the formula alleged by the accused. Mr. H. E. Clark, chemist in the employ of Messrs. Berridge, Leicester, said that medicine prepared according to the recipe mentioned had been supplied by his firm. No chemist would make the mistake of putting in the amount of drug found in the pills analysed. Mr. Everard, for the accused, suggested that her story was more worthy of credence than that of Mrs. James, who acted as police trap. He called attention to the conflict of testimony: Dr. Dyer was not sure of the amount of the drug to a quarter of a grain. Mr. Justice Pickford, in summing up, stated that the analyses of Dr. Wilcox and Dr. Dyer agreed to all intents and purposes. The only importance to be attached to the method of obtaining evidence was that the jury should examine it with greater care. If Mrs. James's story were not true, it must be one of the wickedest inventions imaginable, and both she and Police-Inspector Robertson had entered into a plot to convict a perfectly innocent woman. The jury found a verdict as above, and the prisoner was discharged.

Charge Against an Assistant.

At the North London Police Court, before Mr. Fordham, on November 2, George Frank Foster (23), chemist, Falmouth Road, Borough, S.E., was charged with stealing since September 3, 5s., the moneys of his employer, James Houseman, chemist, 50 Southgate Road, Islington; and John Ryan (23), labourer, was charged with receiving the same, well knowing it to have been stolen. Prosecutor said Foster had been in his employ about nine months. From the beginning of September till Monday night last witness had found a considerable decrease in his shop takings. On Monday night, after receiving certain information, he asked Foster to explain how the takings of the previous week were so ridiculously small compared with the corresponding week of last year, and he replied

that he "could not pull customers into the shop." Witness then told him that he had been informed that he (Foster) was the victim of a confidence trick played upon him by some sharpers, whom witness did not know, and that he assumed that in his simplicity Foster had readily parted with his own money, and some of witness's. He admitted that this was so, saying that the amount was 5l., also that he was quite willing to return that sum to witness, and had fully intended all along to do so. Up to that time witness had not seen Ryan. The matter was placed in the hands of the police, and Ryan was arrested. He admitted that he had induced Foster to take money out of the till. The prisoners were remanded.

Football.

Bath Pharmacy College A.F.C. v. Messrs. Cater's XI.—At Odd Down on October 28, a keen and pleasant game under fine-weather conditions resulted in a win for the collegians by four goals to one. The scorers for the College were Hall (2), McPherson (1), and Harding (1).

School of Pharmacy F.C. v. Nestanglo Sports A.C.—This match was played at Eden Park, Elmer's End, on October 30. The pharmacy team was as follows: Whyte; Pratt and Elton; Bennison, Higgins and Preston; Humphries, Storey, Hall, Pain, and Trestrail. The Nestanglo team scored soon after the commencement of the game, and shortly afterwards secured a second goal. The pharmacy team then improved, and play was confined to the opponents' territory, and scores were equalised before half-time. After the interval, although fast play ruled, no further score resulted, and a good game ended in a draw.

Irish News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Apothecaries' Society.

A new scientific society has been formed in connection with the Apothecaries' Hall, and held its first meeting on October 28. Professor Mettam, of the Royal College of Veterinary Surgeons, delivered an address on "Diseases of Animals communicable to Man."

Dental Student's Action.

The Incorporated Dental Hospital of Ireland appealed from the order of the King's Bench Division of the Irish High Court, which refused to order the plaintiff, in a case in which the hospital authorities are defendants, to furnish certain particulars of the publication of an alleged libel (see *C. & D.*, July 3, p. 3). The case was heard on October 27 and 28, and resulted in the dismissal of the appeal, with costs.

Guardians' Doings.

Messrs. Boyleau & Boyd, Dublin, are pressing the Guardians of Celbridge, Loughrea, and Kilmaethomas for the return of empties, and threaten to take legal proceedings if the matter is not attended to.

Messrs. J. Clarke & Co. are claiming payment for medicines supplied to the Ballinagh dispensary of the Cavan Union. The doctor had lost the invoice, and the Clerk could not pay it without checking it with the requisition.

Personal.

Mr. Samuel Carson, registered druggist, 41 Albert Bridge Road, Belfast, retired from the business on November 1.

Mr. J. A. Stewart, pharmaceutical chemist, manager of the Blackrock establishment of Messrs. Hayes, Conyngham & Robinson, Ltd., tackled a burglar on the premises during the night of October 28. The man was arrested, and has been remanded on this and other charges.

The firm with which Mr. Samuel Gibson, chemist and druggist, King Street, Belfast, and President of the Chemists' and Druggists' Society of Ireland, is connected has been successful in winning a 35-h.p. motor-car in a competition open to wholesale firms for the largest order (2000l.) of soap in a certain period.

At the annual meeting of the Windsor Ward Committee of Belfast Citizens' Association on October 28, Mr. J. B. Hay, Windsor Medical Hall, 138 Lisburn Road, was elected

to a seat on the committee. Councillor Wm. McMullan (Messrs. Thos. McMullan & Co., chemists and druggists, Victoria Street) gave an address on municipal affairs.

Mr. Alexander S. M. McDowell, registered druggist, has opened a business at 136 Sandy Row, Belfast, in the premises formerly owned by Mr. G. W. Walker. Mr. McDowell is a son of Mr. S. McDowell, registered druggist, Shankill Road. He takes a great interest in the affairs of the Chemists' and Druggists' Society, and has often assisted in the musical programmes as conductor of the Society's orchestra.

Scots News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Aberdeen and the North.

Among the candidates for municipal honours in the North are Messrs. McGregor, chemist, Duftown, and Wilson, chemist, Inch.

The East Aberdeenshire Chemists' Association dinner to be held at Maud on October 23 did not come off. Various causes contributed towards the lack of a satisfactory attendance, and under the circumstances it was considered advisable to postpone the function. There is no lack of enthusiasm in the North-Eastern Counties for all that.

In accordance with a resolution of the Governors of the Aberdeen and North of Scotland College of Agriculture, Mr. James Hendrick, Lecturer on Agricultural Chemistry in the College, has submitted a statement of the appointments and emoluments held by him, which shows that as lecturer at the Agricultural College he receives 400*l.*, as chemist to the Highland and Agricultural Society 200*l.*, and as analyst to thirteen counties and burghs 446*l.* 19*s.*—total 1,066*l.* 19*s.*, from which 313*l.* is deducted as proportion of upkeep of laboratory and salaries of assistants, etc.

Glasgow and the West.

A burglar has been captured in the shop at Cumnock, belonging to Mr. D. Kay, chemist and druggist. The premises had frequently been entered lately, and money stolen.

Mr. Alexander Percy Walker, chemical works manager, Irvine, while riding a motor cycle on October 29, struck the back of a lorry and was thrown to the ground. He was conveyed home in an unconscious condition, where he died about an hour later.

Personal.

Mr. Samuel Lawrence, chemist, Oban, has been elected, unopposed, a member of the Oban Town Council, and at a meeting of ratepayers last week was one of the principal speakers.

At Stirling last week, Councillor J. Raffan, chemist, opened the new borough slaughterhouse, and was presented with a gold key, with which he performed the opening ceremony.

The following chemists and druggists have been elected Town Councillors in their respective towns: Mr. Walter Davidson, Blairgowrie; Mr. Alexander Walker, Jedburgh; Mr. James Stewart, Kirkintilloch; Mr. Robert Mathieson, Innerleithen; Mr. John Bain, Ph.C., Bridge of Allan; Thomas Mackenzie, Inverness; John Raffan and J. A. Gordon, Stirling; and Mr. Robert J. Shannon, Dalbeattie.

French News.

(From the "C. & D." Paris Correspondent.)

THE GALEN CLUB.—We are informed that under the auspices of Mr. J. W. Kelsey, of the British and American Pharmacy, 3 rue Scribe, the Association of English-speaking Chemists' Assistants in Paris, known as the Galen Club, is being re-started this autumn. A formal meeting was called last month, and a dinner, followed by a smoking-concert, was held on Saturday evening, October 30.

WHITE CROSS CONGRESS.—It would appear from some remarks made at the final meeting of this Congress that next year's gathering may possibly not be held at The

Hague, as originally announced. Rome has been suggested as an alternative, or the attraction of the International Exhibition at Brussels may prove interesting; but, of course, the Executive of the Society of the White Cross will publish an official statement in this connection in good time.

PHARMACY AS A STATE MONOPOLY.—Some see in perspective the day when a paternal State will watch over us from our birth under official supervision to our interment in a municipal or national cemetery. The French Pharmacist Assistants' Association is nothing if not progressive in its ideas, and the question of the nationalisation of pharmacy and the pharmacist as a State functionary is on the notice-paper of its "National Congress." M. Bardin, one of the protagonists of the new idea, points out that the unqualified assistant's position, as compared with that of the pharmacist, has been going from bad to worse for a century and more. The Law of Germinal exacted eight years' apprenticeship, but no B.A. exam. The Ordinance of 1840 made the B.A. the "Preliminary" of the pharmaceutical curriculum, and shut out the poorer or less-educated class. The levelling-up system prevents a plethora of qualified men, but bars the possibly experienced pharmaceutical assistant from proprietorship if he has not had money and leisure to obtain a certain standard of education.

South African News.

(From the "C. & D." Correspondents.)

Cape Colony.

CRICKET CLUB DANCE.—The annual cinderella organised by the Amalgamated Chemists' Cricket Club was held on October 6, at the Goede Trouw Hall, Cape Town, and proved a very pleasant little function. The company included Messrs. F. C. Mathew (Heynes, Mathew & Co.), J. Sowden, H. E. Cope, W. Harlow, A. Tyrie, L. Weet, P. G. Gain, and representatives from the wholesale and retail trade of Cape Town. Messrs. R. Durrant and D. Thompson acted as M.C.s, and Fisher's band supplied the music. The hall was comfortably filled, about forty couples "taking the floor."—The opening cricket match of the 1909-10 season was played on October 9, against "Oriels," who are old opponents of the chemists. Weather conditions were perfect, but the Amalgamated Chemists' play was not quite in keeping, "Oriels" winning a low-scoring match by eleven runs.

Orange River Colony.

PERSONAL.—Mr. John George, chemist and druggist (Great Britain), was admitted to practise as a chemist in the Colony, at the meeting of the Medical and Pharmacy Council held on October 8. Mr. George has taken over the management of the Railway Pharmacy of Messrs. Lennon, Ltd., Bloemfontein, in succession to Mr. Nimmo.

Transvaal.

TRANSVAAL PHARMACEUTICAL SOCIETY.—The quarterly general meeting was held in the Trocadero on October 7, for the purpose of adopting the proposed new rules and regulations of the Society, if approved, and transacting general business. Mr. Johnston presided over a gathering of about forty, among whom were Messrs. J. H. Dinwoodie, E. L. Ralling, R. Butters, E. J. Adcock (Krugersdorp), L. R. Tibbitt (Pretoria), W. B. Marshall, A. Rennie, A. Macdonald, W. Easterbrook, J. Christie, and the Secretary.—The Chairman, before proceeding to the principal business of the evening, gave a *résumé* of the work done during the quarter, and announced that it was proposed that Professor Wilkinson, of the Transvaal University College, would deliver an address at the next meeting.—The new rules and regulations which had been drafted by the committee were then discussed and, after a few alterations, adopted.—Considerable discussion took place on the proposed rules of the Pretoria branch of the Society. Several amendments not being approved of by the meeting, it was eventually decided to hold over the branch rules for further consideration.—At the close of the meeting an enjoyable smoking-concert was held with the assistance of some local talent and Mr. Charles W. Brydges (S. Maw, Son & Sons).

Australian News.

The Commonwealth

PURE FOOD LEGISLATION.—At the Conference of State Premiers the co-operation was sought of all Premiers in introducing State legislation to enable the manufacture and sale of patent medicines and infants' food to be properly supervised, in order to supplement effectively the work at present carried out by the Commonwealth under the provisions of the Commerce Act. The official view is that, apart from the fact that the Commonwealth cannot by reason of the limitations imposed by the Constitution follow the imported article from the importer to the consumer, there exists no power outside the State Legislatures whereby the manufacture within the Commonwealth of useless or harmful quack medicines and foods can be prevented. At the present time it is possible that where the importation of an article is prohibited its manufacture will be commenced in one or other of the States having no local legislation bearing on the matter.

New South Wales.

SCOTT'S EMULSION.—The Minister for Trade and Customs has issued an order allowing drawback at the rate of 10s. per proof gal. on spirits used in the manufacture of Scott's Emulsion, provided that before drawback is allowed, the Collector is satisfied that it is properly due. Messrs. Scott & Bowne, Ltd., the manufacturers of Scott's Emulsion, since the establishment of their Sydney factory, have opened up an export business with New Zealand and other countries adjacent to Australia, which is worked from their New South Wales branch.

PURE FOOD AND DRUGS ACT.—A number of drugs is to be added to the regulation calling for the declaration of the presence of certain substances. The following will bring the New South Wales' regulation into line with the proposed Commonwealth regulation: Adrenalin, arsenic, barium, belladonna, bromide, bromoform, carbolic acid, copper, creosote, cresylic acid, cotton root, cantharides, ergot, hydrocyanic acid, iodine, lead, lobelia, mercury, nitroglycerin, nux vomica, oil of pennyroyal, oil of rue, oil of savin, oil of tansy, oil of parsley, or any other reputed emmenagogue or abortifacient substance, paraldehyde, phenacetin, phenazone, phosphorus (free), stramonium, sulphonal, trional, veronal, allied synthetic substances.

WAGES BOARD.—The award of the Shop assistants' (Pharmaceutical) Board, an abstract of which was given in the *C. & D.*, October 2, p. 532, was gazetted on September 15. The first effects of the Board have been felt. About half-a-dozen young assistants have received notice to leave, although in each instance the employer and assistant parted on a friendly footing. Master as well as assistant acknowledges that the assistant is not worth the minimum wage. The difficulty will be for these assistants to find employment with other pharmacists. They are all young, not yet registered, but out of their apprenticeship. If they get a certificate as slow or inexperienced workers from the Registrar of the Arbitration Court, their position will not be much better.

Victoria.

POISONS ACT AMENDMENT.—On August 25 the Attorney-General obtained leave in the Legislative Council to introduce a Bill to amend the Poisons Act. The Bill has not yet been circulated, but the Hon. R. Bloomfield Rees, M.L.C., states that it is a short measure, of two clauses only, designed to exempt sheep-dips from the operation of the Act.—The Bill which has been introduced by the Hon. F. Hagelthorn, member of the Legislative Council for the North-West Province, consists virtually of the following clause:

The Poisons Act shall not apply to the sale of any preparation whatsoever for use as a sheep-wash or for agricultural or horticultural purposes if such preparation is contained in a closed vessel distinctly labelled with the word "poison" and the name and address of the seller, and a notice of the special purpose for which the preparation is intended.

The Bill, with slight amendments, passed all stages in the Legislative Assembly on September 15. The exemption of sheep-dips and agricultural and horticultural preparations

was limited to proprietary preparations. They are to be sold in closed vessels distinctly labelled with the word "poison" in clear type. "Sheep-wash" was altered to "sheep-dip."

Western Australia.

PROPRIETARY MEDICINES.—A consolidating and amending Health Bill of 304 clauses passed its second reading on September 1. Amended clauses were introduced dealing with the sale of food and drugs and patent medicines. The Board is to be given power to obtain samples of patent medicines, submit them for analysis and report, and to prohibit the sale of such as are considered dangerous to health. Standards are to be established for disinfectants.

HEALTH ACT.—A Bill to consolidate and amend the law relating to public health was read a first time in the Legislative Council on August 3. The Committee stage was reached on September 15. "Drug" is defined as meaning any substance, organic or inorganic, used as medicine, or in the composition or preparation of medicines, whether for external or internal use, and includes tobacco and perfumes. "Trade-description" in relation to any food or drug means any description, statement, indication, or suggestion, direct or indirect, as to nature, quantity, size, or weight, country of production, manufacturer or producer, method of manufacturing or preparing, materials or ingredients, and as to the article being the subject of an existing patent, privilege, or copyright. By Clause 190 no person who is suffering from an infectious disease shall be employed in the manufacture, handling, storage, or sale of food or drugs, and "infectious disease" includes tuberculosis, although the Chief Secretary has stated that this is to be limited to pulmonary tuberculosis. The following is the clause dealing with proprietary medicines:

The Central Board may, from time to time, in its discretion, prohibit the sale of any patent or proprietary medicine which, in the opinion of the Board, is deleterious or dangerous to health. Any person who sells, or offers to sell, or advertises for sale, or has in his possession for sale, any patent or proprietary medicine the sale of which has been so prohibited shall be guilty of an offence against this Act. For the purposes of this section "patent or proprietary medicine" means and includes any medicine or medicinal preparation for external or internal use which the maker or vendor has any exclusive right to make under the authority of Letters Patent, or which is recommended to the public by advertisement, price-list, handbill, or label for the prevention, cure, or relief of any malady or disorder incident to or otherwise affecting the human body.

A CONSOLIDATED PHARMACY AND POISONS BILL has also been prepared. An Opium-smoking Prohibition Bill has been introduced, taken from the Act passed in Victoria in 1905.

Canadian News.

(From the "C. & D." Correspondent.)

QUICKSILVER IN SASK.—Two prospectors have arrived from the Far North at Prince Albert, Saskatchewan, with a quantity of quicksilver, saying that the deposit whence the samples came is extensive and very rich. The find has aroused a good deal of interest.

A NEW SECRETARY.—The Council of the Quebec Pharmaceutical Association have appointed Mr. S. Lachance Secretary-Treasurer of the Association, in place of Mr. Muir, who recently resigned. Mr. Muir held the office for some thirty years, and is now getting well advanced in life. An annuity has been granted to him by the Council.

THE DRUGGISTS OF MONTREAL have been a good deal stirred up of late owing to the fact that several of them have been summoned for keeping open their shops after hours. Some time ago the City Council passed a by-law compelling all stores to close at a certain hour for the benefit of the clerks. In the cases which have been before the Recorder's Court three druggists pleaded guilty, and sentence was reserved. The Pharmaceutical Association have taken the matter up, and united action will result with the purpose of having drug stores exempt from the by-law. It is claimed by the druggists that the bulk of their trade is done in the prohibited hours, and they say that they may as well close up altogether as do so during the evening hours.

Legal Reports.

High Court Cases.

"ORLWOOLA" TRADE-MARK.

IN the Court of Appeal, before the Master of the Rolls and Lords Justices Moulton and Farwell, on November 3, the case of *in re* the Trade-marks Act and the Trade-marks Nos. 224,722, 230,405, 230,406, and 230,407, was heard on the appeal of the applicants, H. N. Brock & Co., Ltd., from a judgment of Mr. Justice Eve in the Chancery Division. It was in respect to the registration of the word "Osowoolo" as a trade-mark, and removal of the word "Orlwoola" from the register upon the ground that the words "all wool" or their equivalents were common to the trade. The matter was reported in the *C. & D.* at the time, and now after argument the Court reserved judgment on the appeal.

A CANDLE TRADE-MARK.

IN the Chancery Division on October 29, before Mr. Justice Joyce, Mr. A. J. Walter, K.C., applied to his Lordship in the case of an appeal from the Comptroller of Trade-marks refusing Messrs. Ogston & Tennant's application to register a certain trade-mark (figure of a teapot, for candles) on the opposition of Price's Patent Candle Co., Ltd. He asked for a month's postponement of the hearing on the ground that it was necessary to call witnesses from Morocco. The subject of the application was with regard to a special make of candles sent to Morocco.—After hearing Mr. Hughes, K.C., for the respondents, his Lordship allowed applicants time to obtain the further evidence.

"PERFECTION" TRADE-MARK.

IN the Court of Appeal on Friday, October 29, before the Master of the Rolls and Lords Justices Fletcher Moulton and Farwell, the hearing was continued, for the third day, of the appeal by Messrs. Joseph Crosfield & Son, Ltd., for the registration of the word "Perfection" as a trade-mark for their soap.

Messrs. Lever Bros., Ltd., were the respondents, and Mr. Astbury, K.C., now opened their case, submitting that the decision of Mr. Justice Swinfen Eady and the Registrar not to register the word as a mark was right. He thought it was plain that on Section 9 the mere fact that a word has direct reference to character or quality is not in itself sufficient to prevent the word being registered as a mark; but the Act gives the Court a discretion, and the appellants, he said, had not offered any assistance as to when that discretion should be exercised. "Perfection" merely meant what it said—that the article was perfect—and was not, he submitted, a word which the Court, exercising discretion, would allow to be registered.

Lord Justice Fletcher Moulton said he thought that where there is a descriptive word a question may arise as to whether or not the use of that word has gone so far as to become largely distinctive as contrasted with description, such as would entitle the Court to say that for the purpose of protecting an existing trade it may be registered. In his opinion it is a failure of our laws that they cannot protect an article which is connected with a definite trade.

Mr. Astbury said that it is impossible to bring oneself to the frame of mind to suppose that the word "perfection" is not in constant use in the trade, as it is used in practically every trade. Messrs. Lever were not contesting the case for any personal advantage. In the course they were pursuing they were supported by some of the largest soap-makers in the Kingdom, including Pears.

Mr. Walter pointed out that Messrs. Pears do not make any household soap.

Mr. Astbury submitted that that did not matter. They make soap, and know as much about the trade as Messrs. Crosfields. The soap world is divided into two classes—those who wish to have these adjectival words registered as trade-marks and those who do not. The latter class, which supported the respondents, believed that the registration of these adjectival words would lead to confusion. Most of the supporters of Messrs. Lever had got adjectival words ready for registration if the appellants succeeded in this appeal.

Mr. Cutler, K.C., followed on the same side.

Mr. Sargent, who appeared on behalf of the Registrar, said that a number of manufacturers have a number of laudatory words which are not trade-marks and have arranged to partition them out among themselves. They were met by a number of manufacturers who have no marks of that description.

Lord Justice Fletcher Moulton said that it seemed to him they were all tarred with the same brush.

Mr. Sargent continued his argument on Saturday, and was followed by Mr. Walter, K.C., in reply, for the appellants, after which judgment was reserved.

CALIFORNIA FIG SYRUP.

THE case of *in re* the Trade Marks Act, 1905, and *in re* an application, No. 305877, by the California Fig Syrup Co. of the registration of a trade-mark came before the Court of Appeal on October 30, the Master of the Rolls and Lords Justices Fletcher Moulton and Farwell constituting the Court. It was an appeal from a judgment of Mr. Justice Warrington [*C. & D.*, 1909, I. (May 8), 722]. The case raised an important question of principle under Section 9, Sub-section 5, of the 1905 Act as to the registration of geographical names as trade-marks. In this case the company, which carries on business at San Francisco, applied to register in respect of a medicinal preparation the words "California Syrup of Figs." It appeared that the applicants about twelve or thirteen years ago introduced the preparation in question into this country which was sold under the name "California Syrup of Figs." That name is on the bottles and is used in the advertisements of the company. The question in the case was whether, having regard to the fact that "California" is a wide geographical term, the name "California Syrup of Figs" could be said to be a distinctive mark, taking into consideration the definition of "distinctive" given in Section 9 of the Trade-marks Act, 1905, and the other conditions of that section. The case for the Registrar was that the registration would give to the applicants a monopoly of describing their goods in a way that was equally applicable to a number of other manufacturers, and that the registration ought not to be allowed. Mr. Justice Warrington in giving judgment held that the case was not one in which the Court, upon the construction of the Act, ought to say that the trade-mark which was sought to be registered was one which was adopted to distinguish the goods of the applicants from those of other persons. His Lordship accordingly held that the application failed, and dismissed it, with costs. Hence the present appeal of the company.

Mr. Astbury, K.C., in opening the case for the appellants, said that they had for many years been manufacturing a medicinal compound called "California Syrup of Figs"—a medicinal aperient drug composed principally of senna and, he understood, slightly flavoured with fig-juice. He did not suggest that the figs were Californian figs. He supposed that figs were grown in California, but he did not think that California was ever celebrated for figs. But "Syrup of Figs" with the word "California" meant a drug. He did not mean the essence of stewed figs with the juice squeezed out of figs, or anything of that kind. It had been so long in use that it was now prescribed in this country and in Europe by medical men as a drug. The company had many years ago brought a passing-off action in this country against a firm who were selling "American Syrup of Figs," and the late Mr. Justice Kekewich found that the plaintiffs' goods were so widely known that to put "American" instead of "Californian" was not a sufficient distinction, and granted an injunction; but the Court of Appeal did not agree with the learned Judge, mainly on the ground that "California Syrup of Figs" was the distinctive title of the plaintiffs' goods, and that putting "American Syrup of Figs" was an indication that it was something different from the more limited and complex name that had passed into the English language of drugs. His learned friend Mr. Sargent, in the court below, succeeded in a most extraordinary manner in getting Mr. Justice Warrington to overrule his own decision in the Oswego case. The learned Judge found that the title "California Syrup of Figs" was not descriptive, but that it was distinctive. Therefore he had no longer any discretion under the Act. He had taken away his own discretion, and on that short point his Lordship's judgment was plainly wrong. Sub-section 5

of the Act contains the words "any other distinctive mark," and the learned Judge not only deemed it a distinctive mark, but found that it was as a fact. He had, therefore, no longer any discretion.

The hearing was at this point adjourned until Monday, when, owing to the illness of Lord Justice Fletcher Moulton, it was postponed.

Mr. Astbury, in continuing his address on behalf of the appellants on Wednesday, said that what he wanted to do was to inquire into what the Board of Trade or the Court had to do under Subsection 5 of Section 9 on the preliminary matter, and he submitted to their Lordships without fear of contradiction that all the Board or the Court could do on the preliminary application was to say "ay or no, is the thing distinctive?" If it was distinctive and was so found, then that tribunal was finished with. It had no further discretion or power to do anything, because as soon as it was found to be distinctive it fell within the registrable class, and all the discretion that remained to say that it was or was not to be registered was in the registrable tribunal and not in the preliminary tribunal. He submitted that after Mr. Justice Warrington had held as a fact, and upon the evidence before him that this was a distinctive word, and after Mr. Sargent on behalf of the Registrar admitted that it was a distinctive compound word—

Mr. Sargent: Never.

Mr. Astbury replied that Mr. Justice Warrington had found as a fact that the compound word was a distinctive word, and Mr. Sargent had admitted that finding as a question of fact.

Mr. Sargent said he admitted that at the present moment, and on the present evidence that it was distinctive.

Mr. Astbury adopted what his learned friend had said, and contended that there was nothing which allowed the Judge to take the place of the Registrar and prevent discussion before the tribunal, which was the only tribunal under the Act in this matter.

Lord Justice Farwell said that the only question for the Court was whether Mr. Justice Warrington was right in his decision. He could not see the necessity of the learned counsel pressing the point he was on.

Lord Justice Moulton said the application before the Court was simply whether there was merit enough in the word to allow it to be registered. Mr. Justice Warrington had held that there was no merit in the word, and the question was whether he was right or not. Therefore the issue before the Court was whether there was enough merit in the thing to allow the registration to proceed.

Mr. Sargent: Yes. Has the applicant made a case for a rule nisi?

Mr. Astbury: In deciding whether there is merit or not, and whether there is a *prima facie* case to get a rule nisi, surely it is relevant to consider that the learned Judge has found as a fact that it is a distinctive mark. I contend that the Judge should have held that the word was a distinctive compound word and that the registration should be allowed to proceed.

Mr. Sebastian followed on the same side.

During the learned counsel's address Lord Justice Moulton said he did not think that honest traders objected to specialty names. He thought that they objected to names which interfered with other people, but specialty names which they as lawyers objected to, he did not think that traders did object to. He said that in the appellant's favour.

Mr. Sargent, on behalf of the Registrar of Trade-marks, contended that geographical names were dealt with in just the same way as descriptive names. He submitted that "adapted to distinguish" meant "suitable to distinguish," and to define that one had to look at the evidence as to the actual user. He thought that the evidence and the statement of the case by the applicants showed that the name of "Syrup of Figs" was a generic term. There were a number of persons making syrup of figs, but syrup of figs did not in any way denote the applicants' preparation, but it was stated generally a particular sort of medicinal preparation.

Mr. Astbury: I agree.

Lord Justice Moulton did not think that there was any

syrup of figs before the applicants made it. "Was it not," said the Lord Justice, "because they started California Syrup of Figs and other people avoided the name?"

Mr. Astbury: That is the evidence.

Mr. Sargent said he thought the applicants were the originators. The fact was that "Syrup of Figs" was something generic—a compound capable of being made by other people who made a compound of that character. "California" was the only constituent of that name which purported to distinguish that which was prepared or manufactured by the applicants from a similar medicinal preparation made by others.

Lord Justice Moulton: Call it "Californian black draught."

Mr. Sargent said that the question was whether certain persons should be at liberty to appropriate to themselves a geographical term which was of a descriptive or a more or less laudatory or attractive character, and which might be equally applied to the particular goods of any trader in future carrying on business in California.

Mr. Astbury having replied on behalf of the appellants, their Lordships reserved judgment.

COCAINE IN TOOTH-EXTRACTION.

MR. JUSTICE BUCKNILL and a common jury were engaged in the King's Bench Division from Monday, November 1, to Wednesday, November 3, in hearing evidence in an action by Archibald David Taylor and his wife, Elizabeth Anna Taylor, Stour Road, Loughborough, Leicester, against the London Hygienic Institute, of 90 and 92 Oxford Street, W., to recover damages for injuries sustained by Mrs. Taylor, owing, it was alleged, to the negligence of the defendants' servants by administering cocaine to her during teeth-extraction. Defendants denied negligence.

Mr. F. E. Smith, K.C., M.P., and Mr. Abinger appeared for the plaintiffs; and Mr. George Elliott, K.C., and Mr. Ritch represented the defendants.

The evidence for the plaintiffs was largely directed to show that cocaine is an unsafe local anæsthetic. Amongst the expert witnesses for the plaintiffs were Dr. Price, Harley Street; Dr. Leakey, Cricklewood; Mr. J. G. Turner, L.D.S., F.R.C.S., Wimpole Street; and Dr. W. H. Willcox, F.I.C. The defendants' case was opened on Wednesday, when evidence was given by Mr. Edmund Varley, the operator, and Dr. William H. Martindale and others. Dr. Martindale stated that for some time he had supplied the defendants with a preparation of cocaine for the purpose of its being administered in dental operations as an anæsthetic. He denied that there was any secrecy about his preparation, which contained cocaine, iodine, and carbolic acid. It contained 1 per cent. of cocaine. He had sold the preparation in large quantities all over the country and in the Colonies, and had never had a single previous complaint as to the effect of that solution. If he had had any complaints, he should have stopped the preparation emanating from his business. He added that cocaine was one of the commonest things asked for by dentists and medical men. It was in his opinion one of the best anæsthetics, and held its own against all comers. Witness regarded the application of 1 grain of cocaine as the safety-limit. While the evidence for defendants was proceeding counsel conferred with the Judge in his private room, and in the end Mr. Smith announced that a settlement had been arrived at, and plaintiffs' claim would be settled on terms. The amount did not transpire.

THERMOS PATENT CHALLENGED.

THE case of Thermos, Ltd. v. The British Caloris Co., in which the validity of the plaintiffs' patent is challenged, came before Mr. Justice Joyce in the Chancery Division on November 2, on an application by the plaintiffs for further particulars of the defence. Mr. Fletcher Moulton, who represented the plaintiffs, said that the defendants had stated that they would contend at the trial that plaintiffs' patent was invalid under the new Act on the ground that the article which was the subject-matter of the patent was mainly manufactured abroad. Counsel contended that he was, therefore, entitled to particulars of the extent of the alleged manufacture outside the United Kingdom and of the places where the articles were said to be manufactured, and whether it was alleged that the whole of the article was

manufactured outside the United Kingdom, and, if not, what parts of it were. The question to be tried in the action was whether the manufacture here, as compared with the manufacture abroad, was on the proper basis, considering the commercial position of the various countries. His contention was that it would be impossible for him to properly prepare for trial unless the defendants were ordered to supply these particulars.

Mr. Justice Joyce said it might be very convenient and desirable for the plaintiffs to know what the other side were going to prove, but he did not think they were entitled to know all the details of the defendants' case.

Mr. Moulton said that since this action was started application was made to the Comptroller to revoke the patent on the same grounds. This was supported by the defendants, but when the evidence was filed for the patentees the application was abandoned and dismissed with costs. In the course of the proceedings one of the points endeavoured to be raised by the applicants for revocation was that they went to plaintiffs' works, and that they were incapable of carrying out the whole process of manufacture, and that only some trifling thing was done. Counsel submitted that he was entitled to know whether the same point was going to be raised in this case, and, if so, what stages of the manufacture defendants said were carried on here.

Mr. Colefax, for the defendants, opposed the application.

Mr. Justice Joyce thought this was an attempt to limit the defendants' evidence more than plaintiffs were entitled to, and refused the application.

Mr. Moulton asked for leave to appeal.

Mr. Justice Joyce: You can appeal as long as you like, and I wish you joy. (Laughter.)

VITALOIDS.

AN action was heard on Tuesday and Wednesday, November 2 and 3, by Mr. Justice Walton, sitting in the King's Bench Division. It was a sequel to the advertising of a patent medicine by means of a limerick competition, the plaintiffs being Smith's Advertising Agency of Fleet Street, London, and the defendants Messrs. Arthur S. Fryer, Albert Fryer, and Frank McDowell, trading as the Leeds Laboratory Co., of Concord Street, Leeds. The claim was for 1.835*l.* for advertising defendants' goods. Mr. Eldon Bankes, K.C., appeared for the plaintiffs, while Messrs. Fryer were represented by Mr. Gore Browne, K.C., and Mr. Sidney Scott, K.C., was for Mr. McDowell. The onus was upon the defendants to prove their case, and Mr. Gore Brown said that Messrs. Fryer were still partners in the defendant company, but Mr. McDowell dissolved partnership shortly after the first date relevant to the action. The firm carried on business as sellers of patent medicines, and particularly one called "Vitaloids." They advertised considerably through the plaintiffs, and in 1907, when the Limerick competitions became the rage, they decided to utilise them as a means of bringing "Vitaloids" more prominently before the public. They advertised in London and the provinces and offered large sums of money to winners of their Limericks. In the early part of 1908 they became behindhand in the payment of their account, and Messrs. Smith, not being able to get any money from them, stopped all the advertisements and went so far as to cancel the appearance of an advertisement containing the names of certain winners. The company resented that and alleged breach of contract, counter-claiming for damages for injury to their business and their reputation. Their defence was that Limerick competitions had been held to be illegal, and Messrs. Smith, knowing that and being parties to the issuing and publication of the advertisements containing those competitions, could not succeed in their claim. The question which would come before his Lordship was whether, if the competitions were a lottery, the plaintiffs knew them to be such, and if so whether their claim could succeed. He contended that plaintiffs did know that the competitions were illegal.

Mr. Eldon Bankes, K.C., for plaintiffs, said that the question in this case was not whether a certain competitor was entitled to a prize, but whether his clients, who had expended about 2,500*l.* on the representations made by the defendants, were entitled to recover. It had

a very peculiar feature in it. Some of the advertisements were page ones, and usually about three-quarters of the matter was pure advertisement, and possibly only a quarter was, perhaps, lottery; yet it lay in the mouth of those gentlemen to say that all that expenditure for genuine advertisements, as well as for what was called lottery, should be borne by the plaintiffs. If the law said so it would have to be so, but it is a very strong proposition.

His Lordship: You do not say that if these competitions are lotteries you can recover all your claim?

Mr. Bankes: I am not saying that I can. I am not disputing that perhaps there are some words in the statute which do cover this case, but it must be proved that the case comes within those words.

After hearing further arguments, his Lordship reserved judgment.

Pharmacy Act, 1868.

CONVICTION UNDER SECTION 17.

AT the Nottingham Shire Hall, on October 30, William Higgott, described as a chemist, Daybrook, was at the instance of the police summoned under Section 17 for selling laudanum contrary to the section. Inspector Bishop stated that a young man went to the police-station on the night of October 3 and said he had taken laudanum. Two bottles which had contained the poison were found in his possession, one bearing a proper label and the name of another druggist named Wood. The other bottle which had been procured from the defendant containing laudanum had no proper label, as was required by the Pharmacy Acts. The defendant admitted that he had been guilty of an offence, but pleaded that he sold laudanum prior to the passing of the Act in 1868, and being in an agricultural district he thought he was entitled to continue to do so. He was not registered, and although he was permitted to sell laudanum for other people—Boots, for instance—he was not entitled to do so on his own account, or to stick his own label on to the bottles. The Chairman of the Bench said the magistrates considered it a serious offence, and imposed a fine of 2*l.*

THE SOCIETY'S METHOD OF PURCHASING.

AT the Bradford County Court, before Judge Graham, on Tuesday, November 2, Albert Nice was summoned at the instance of the Pharmaceutical Society for selling a poisonous substance, he not being registered under the Act. Mr. Beldon, of Messrs. Beldon & Ackroyd, Bradford, appeared for the plaintiffs, and the defendant was not legally represented.

Mr. Beldon explained that the defendant was an assistant in the shop at the junction of Gaythorne Road and Bowling Old Lane, Bradford, over which was a sign bearing the name "Hall's Drug Stores." As far as could be ascertained there was no one connected with the shop who bore the name of Hall; but a person who resided on the premises was employed as a traveller by Messrs. Brook, Parker & Co., Leeds Road, Bradford. In July an officer of the Society visited the shop and made a purchase of laudanum from the defendant, whose name he thought was Peace. The Society sent a letter to "Peace." Defendant opened and returned it, stating that there was no person of that name at the shop. Subsequently it was found that the defendant's name was Nice, and correspondence resulting in the present action ensued.

Arthur Foulds then deposed to visiting Hall's drug-stores, as stated by counsel, and asking defendant for a pennyworth of peppermint and a pennyworth of laudanum, handing him a bottle which defendant put stuff into and labelled. On July 16, two days later, he sent the bottle by registered post to Mr. Thomas Tickle. In cross-examination by defendant witness stated that he had not tampered with the bottle between its receipt over the counter and its despatch to Mr. Tickle; nor had anyone else handled it. He locked it up in a case specially for the purpose which he has had for twenty years. "Would it be possible," again asked the defendant, "for you without connivance to purchase the ingredients of that mixture and add laudanum, and thus ensure a conviction?"—"It would [not] be possible for me to do so," replied the witness, who also, in answer to Mr. Beldon, said it would certainly be possible for him to get the same mixture from a chemist as that which he had obtained from the defendant, but, as

a matter of fact, he specifically asked the defendant for landanum.

Thomas Tickle, B.Sc., F.L.C., deposed to receiving the bottle and finding 0.46 grain of morphine in it.

The defendant called Mr. Horner, who deposed that on several occasions defendant had refused to supply him with a mixture containing opium as he was not a registered pharmacist. This was in September, Mr. Beldon elicited, and he pointed out that this was after the letter had been sent to the defendant in regard to the matter.

Mr. Joseph Stanley also gave evidence. He stated that he was manager for Brook, Parker & Co., wholesale druggists, Bradford, and he "ran" the shop in Gaythorne Road, where the defendant was employed. The only supply of landanum which had been sent to the shop was on April 23, when 4 oz. were delivered, and that was in the shop when defendant was engaged as assistant. He (witness) took it away and put it in the house cupboard, and if the defendant had got it out of there it was his own fault, because he had no business to go there at all. He personally impressed upon him when he was engaged that he must on no account sell a scheduled poison, and if he did so he would do it at his own risk. In cross-examination witness said he had been with Brook, Parker & Co. for about eleven years. He declined to say that he was the proprietor of the shop, but acknowledged that he paid the rates.

The defendant stated that it seemed as though it was a case of his word against that of the Pharmaceutical Society's official, for there was no law to compel the official to leave a sample of the mixture he had got at the shop. Another significant fact was that at the present time there was exactly the same amount of landanum in the bottle received from Brook, Parker & Co., namely, 4 oz. It appeared to him that there was an element of doubt in the case, and he thought he should have the benefit of it.

His Honour said the evidence had put him in the awkward position of having to say either that Mr. Nice was guilty of committing perjury or else that the Pharmaceutical official was guilty.

Mr. Beldon said he did not think it did, because landanum had been asked for and landanum had been supplied.

His Honour said he was only pointing out that the system adopted by the Pharmaceutical Society of getting samples left him to decide between the direct evidence of one witness and that of another.

Mr. Beldon replied that if a sample was left with the salesman suspicions were aroused at once.

His Honour said that was not the only course they could take, because if the official had suspicions he could get supplied and then suggest that they should both go to the city analyst with the mixture.

Mr. Beldon having pointed out that the system was one which had been carried on for a large number of years, his Honour said he would like to consider the question which he had raised as to the method of obtaining samples, and he would be pleased if in the meantime Mr. Beldon would communicate with the Pharmaceutical Society. Mr. Beldon agreed to do this, and the case was adjourned until November 16.

Dentists Act.

A SUMMONS DISMISSED.

At Bourne-mouth on October 27, Joseph Bertram Holmes, Alnmhurst Road, was summoned at the instance of the British Dental Association for a breach of Section 5. The case arose out of the prosecution by the defendant of a man for stealing dental instruments, in the course of which it was alleged that defendant described himself as a dentist; but it now transpired that he said he was an adapter of artificial teeth. The Bench, by a majority, dismissed the summons. The prosecutors may appeal.

County Court Cases.

ADVERTISING.

At Grantham County Court on October 29, Mr. J. H. Needham, on behalf of the "Grantham Advertiser," which is no longer published, recovered 6l. 7s. from Leslie Martyn, Ltd., manufacturing chemists, Dalston Lane, London, N.E., for advertising in that paper from 1903 to 1906. Mr. J. W. Davis, director of the defendant com-

pany, explained that he gave an order in October, 1902, for fifty-two insertions at 1l. for the lot, and sent the money.

CASH REGISTER DISPUTE.

In Glasgow Sheriff Court, Sheriff Mackenzie on November 2 dismissed an action at the instance of Dr. David Beatson, Maryhill, against the National Cash Register Co., Ltd., for damages for breach of contract of sale. The pursuer alleged that in purchasing a cash register from defenders a condition of the sale was that the price of similar registers should never be reduced below 42l., and that notwithstanding this condition the price had since been considerably reduced. Sheriff Mackenzie sustained the defenders' plea that the pursuer's averments were irrelevant, and in the course of a note he remarked that in his averments pursuer admitted signing a document after the completion of the contract, and in response to the agent's representation that it was a formal document for the protection of the company from dishonest purchasers. That document bore to be an order for a 43½ cash register to be delivered to the purchaser on hire, but with an option of purchase, and it set forth in detail the conditions by which the parties were to be bound if the order was accepted; but it did not contain the conditions upon which the pursuer's case was founded.

Bankruptcy Reports.

Re BERTRAND PHILLIPS (lately a director of John Phillips & Sons, Ltd., sponge merchants and importers, stores contractors, etc.), Brav Court, Maidenhead, and late of Dingley Road, City Road, E.C.—The public examination of this debtor was conducted before Mr. Registrar Brougham, at the London Bankruptcy Court, last week, when Mr. Mellor, on behalf of creditors, questioned the debtor at some length upon the circumstances under which he had sold his shares in John Phillips & Sons, Ltd., and eventually the examination was concluded.

Re PAX TRADING CO., 30 Gray's Inn Road, W.C., Patent-medicine Vendors.—E. W. Lewis, J. C. Phillips, and H. D. Harrod, who carried on business as above, attended at the London Bankruptcy Court last week for public examination. Mr. Walter Boyle, Assistant Official Receiver, reported that the statement of affairs had not yet been lodged, but was in course of preparation, and would be filed within a few days. Under those circumstances he desired a short adjournment for investigation purposes.—Mr. Registrar Brougham ordered the examination to stand over until November 25.

Re CHRISTOPHER JAMES CROFT, 102 Southampton Street, Reading, Druggist.—The public examination was held at Reading Bankruptcy Court on October 28. The amount of the liabilities was 239l. 8s. 4d., and the assets 57l. 2s. 9d., leaving a deficiency of 182l. 5s. 7d. The debtor attributed his failure to the fact that "the takings were never sufficient to cover expenses and furnish a livelihood." He started in business on June 3, 1901, with 40l. and 140l. borrowed money, the loan not having been repaid. Four years ago he compromised with his trade creditors for 15s. in the pound, payable by three instalments. The examination was adjourned.

Gazette.

Partnerships Dissolved.

MUSGRAVE, F. E., and BIRKS, F. J., Leeds, medical practitioners.

OSMOND, E. B., and MOXON, C. C., Pontefract, Yorks, medical practitioners, under the style of Osmond & Moxon.

SALTER, J. H., and DIXON, G. B., Tolleshunt D'Arcy and Tollesbury, Essex, medical practitioners, under the style of Salter & Dixon.

The Bankruptcy Acts, 1883 and 1890.

RECEIVING ORDER.

VINCENT, NORMAN HILL, Church Hill, Walthamstow, London, E., mineral-water manufacturer.

ADJUDICATIONS.

GARNETT, JOHN B., trading as Thomas's Drug-stores, Upper Street, Islington, London, N., chemist and druggist.

SMITH, ERNEST, Pershore, Worcs, mineral-water and cider manufacturer.

Deed of Arrangement.

COOK, GEORGE RUSSELL, Alexandra Road, Central Colonade, and Victor Colonnade, all Cleethorpes, Chemist and Fancy Dealer.—Trustee, J. W. Warner, 4 Flatgate, Great Grimsby. Dated October 22; filed October 27. Preferential creditors 77*l.*; liabilities unsecured, 2,467*l.*; estimated net assets, 311*l.* Among the creditors are R. Gibson & Sons, Manchester (11*l.*).

New Companies and Company News.

The letters P.C. mean Private Company within the meaning of the Companies Act, 1907, and R.O., Registered Office.

CLERICAL, LEGAL, AND MEDICAL STORES, LTD. (P.C.).—Capital 5,000*l.* Objects: To adopt an agreement with F. Turner, and to carry on the business of, *inter alios*, drapers, dealers in drugs, chemicals, etc. The subscribers are M. de la P. Beresford, 2 Suffolk Lane, E.C., and T. W. O. Wheeler, 24 Martin's Lane, E.C., solicitors.

PITCHBLENDÉ URANIUM AND RADIUM MINES SYNDICATE, LTD.—Capital 12,000*l.*, in 1*l.* shares. Objects: To acquire the mining set or lease of or right to search for ores, metals, and minerals (except iron or iron ore) in the land known as Crow Hill and part of Tolgarick Grampond Road, Cornwall, and to adopt an agreement with R. H. Cheux. The first directors are R. G. Orr and R. F. Cheux.

PROSSERS, CASH CHEMISTS, LTD. (P.C.).—Capital 1,500*l.* in 1*l.* shares. Objects: To take over the business of H. H. Prosser, chemist, druggist, and dealer in patent medicines, drugs, and optical and photographic requisites, 59 Glebe Street, Penarth, and 14 Broadway, Cardiff. The first subscribers are H. H. Prosser, pharmacist, and Mrs. L. A. Prosser, both of Glynhurst, Westbourne Road, Penarth.

CUPAL, LTD.—Capital 25,000*l.*, in 1*l.* shares (5,000 preference). Objects: To acquire the business of Woolleys, Ltd., carried on at Phoenix Mill, King Street, Blackburn, Lancs, to adopt an agreement with the said company and W. Woolley, and to carry on the business of chemists, druggists, oil and colour men, patent-medicine vendors, seedsmen, grocers and confectioners, etc. The first subscribers are W. Woolley, Meins Road, Blackburn, drysalter; G. F. Woolley, Blackwood, drysalter; Miss E. Woolley, Blackburn; F. S. Rowland, L.R.C.P. Lond., M.R.C.S. Eng., Wrexham; L. S. Selle, Hull, chemist; T. Horner, Blackburn, chemist; and C. Barrett, Blackburn, traveller. Minimum cash subscription 500*l.* The first directors are W. Woolley and L. S. Selle. Qualification 100*l.* Remuneration as fixed by the company.

BRUNNER, MOND & CO., LTD.—The directors recommend an interim dividend for the half-year ended September at the rate of 25 per cent. per annum, free of income-tax.

"SANTAS" CO., LTD.—The directors announce the payment of the usual interim dividend at the rate of 5 per cent. per annum for the six months ended September 30, 1909.

THE SCOTTISH VULCANITE CO., a concern which was registered in 1878 with a capital of 60,000*l.* and which went into liquidation in 1907, is about to be resuscitated. The business, which has a valuable connection, long held a prominent position.

MONTERRAT CO., LTD.—The accounts for the year ended June 30 show a profit, after providing for debenture interest, of 159*l.*, and, including 4,312*l.* brought forward, an available sum of 4,471*l.* The directors recommend a dividend of 10 per cent., carrying forward 3,292*l.*

MESSRS. MITSUI & Co., the selling agents for Japanese monopoly camphor, announce that they have converted their business into a limited liability company for family reasons only. The capital is 20,000,000 yen, in fully paid shares, and the company will be styled in future Mitsui & Co., Ltd., in the United Kingdom, Europe, and America; Mitsui Bussan Kaishiki Kaisha, in Japan; and Mitsui Bussan Kaisha, Ltd., in other parts of Asia. The head office will be at Suruga-cho Nihonbashi Ku, in Tokyo.

TAYLORS' DRUG CO., LTD.—The twenty-first annual general meeting of the shareholders of this company was held at the Coliseum, Leeds, on November 1, when the accounts for the nine months which ended on June 30 were submitted. The directors reported that the net profit for that period was 1,834*l.* 12*s.* 10*d.*, and the balance from last year 442*l.* 14*s.* 3*d.*, together 2,277*l.* 7*s.* 1*d.*, out of which the dividend on the preference shares for nine months has been paid—viz.,

1,719*l.* 1*s.* 10*d.*—leaving 558*l.* 5*s.* 3*d.*, of which 458*l.* 13*s.* 3*d.* has to be carried to reserve in accordance with the terms of the trust deed for the debenture-holders. The balance, 99*l.* 12*s.*, is carried to next year's account. The balance-sheet shows that the subscribed capital of the company consists of 38,202*l.* in preference shares and 30,000*l.* of ordinary shares, while 41,520*l.* 19*s.* 10*d.* has been borrowed on the leasehold and freehold properties, and 30,000*l.* of 5-per-cent. debentures has been issued. The amount due to creditors was 35,024*l.* 4*s.* 5*d.* The property and assets are valued at 192,261*l.* 13*s.* 3*d.*, of which 80,492*l.* 8*s.* 9*d.* is stock in Leeds and branches and 107,384*l.* 16*s.* freehold and leasehold properties, plant and fixtures. The profit from the trade account for the nine months was 4,883*l.* 3*s.* 6*d.* The position of the company was severely criticised at the meeting, but the directors' report was received and adopted.

MORTGAGES AND CHARGES.—The following have been registered: *British Radium Corporation, Ltd.* Issue of 8,500*l.* debentures, part of 35,000*l.*—*John Craven Burleigh, Ltd.* Issue of 1,000*l.* debentures, part of 2,000*l.* created September 28, 1909.

Birth.

MELDRUM.—At Fauldmore, Rothesay, on October 29, the wife of Wm. Meldrum, chemist, of a daughter.

Marriage.

WILLIAMS—JONES.—At St. Cynghar's Church, Llange-fni, by the Rev. H. J. Morgan, M.A., assisted by the Rev. R. J. Edwards, B.A., Llewelyn Williams, chemist and druggist, 17 Castle Street, Beaumaris, youngest son of the late Mr. William Williams, Penyfron, Llangoed, to Mary Ellen, eldest daughter of Mr. Richard Jones, of Llange-fni.

Deaths.

ASHTON.—At Hammersmith, on October 24, Mr. George Frederick Ashton, chemist and druggist, late of Ramsgate, aged seventy-four.

BRUCE.—At Church Square, St. Andrews, on October 28, Susannah Lillian Baylis, widow of Mr. Alexander Keiller Bruce (Smith & Govan), chemist and druggist.

EAREE.—At Staines, on October 11, Mr. Walter Langley Earee, chemist and druggist, aged sixty-four.

GILL.—At 897 Ecclesall Road, Sheffield, suddenly, on October 28, Harold Percy Gill, son of the late Joseph Gill, wholesale chemist, aged twenty-four.

HARRISON.—At 48 Greenbank Road, Sefton Park, Liverpool, Mr. George Harrison, pharmaceutical chemist, aged sixty-four.

LANE.—At Greytown, Natal, on September 15, Mr. Harry Richard Lane, chemist and druggist, for six years manager for Messrs. Boots, Ltd., at 112 High Street, Southend-on-Sea.

MORRIS.—At Paddington, on October 19, Mr. William Arthur Morris, chemist and druggist, late of 14 Miles Lane, London, E.C., aged forty-seven.

OLDHAM.—At Towcester, on October 30, Mr. Thomas Oldham, chemist and druggist, aged sixty-four. Mr. Oldham, who died after a day's illness, was in business at Towcester for well over a quarter of a century. He took an active part in local affairs, being Hon. Secretary to the Towcester Fat-stock Show and also to Grafton Hunt Steeplechases. He filled the office of Chairman of the Parish Council, and was also a member of the Board of Guardians and of the Rural District Council, a Governor of the Grammar School, and a Warden of the Parish Church, besides holding other offices. A widow and six children are left to mourn his loss.

ALGERIAN EXPORTS.—Among the exports from Algeria to the United Kingdom last year were 24 cwt. of geranium oil (these figures being the same as in 1907), 122 cwt. of medicinal herbs, and 40 cwt. of beeswax (1907, 138 cwt.).

Personalities.

MR. J. T. SMITH, J.P., chemist and druggist, is the Sheriff-elect of the city of Canterbury.

COLONEL WYLEY, of Wyleys, Ltd., Coventry, has been elected President of the Coventry Chamber of Commerce.

MR. G. CLARIDGE DUFFE, of Oxford, has been appointed a Justice to exercise the powers conferred under the Lunacy Act, 1890.

MR. G. T. W. NEWSHOLME, of Sheffield, has had rather a serious illness, but a turn for the better has set in and he is now steadily improving.

MISS RUBY BRINSON, daughter of Mr. W. C. Brinson, of Chesterfield, has obtained the first-class certificate (with honours) of the Sheffield College of Cookery and Hygiene.

MR. WILLIAM YATES, chemist and optician, Shaw, near Oldham, has been re-elected Secretary of the Shaw and Crompton Tradesmen's Association for the seventh year in succession.

THE INAUGURAL ADDRESS on "The Betterment of Pharmacy," delivered by Mr. William Gill, of the Nottingham and Notts Pharmaceutical Association, has been reprinted from "The Trader" in full.

ALDERMAN J. BROOKS, J.P., pharmacist, the Mayor of East Ham, was on Tuesday presented at the East Ham Town Hall, by Sir John Bethell, M.P., on behalf of the subscribers, with an illuminated address and an English lever gold watch in recognition of his long services to the borough.

THE following gentlemen have been appointed visiting justices under the Lunacy Act, 1890:—

Mr. Samborne Cook, chemist and druggist, Mount Hooton Road, Nottingham.

Mr. Richard Fitzhugh, pharmaceutical chemist, The Park, Nottingham.

THE late Mr. Frederick A. Barritt, of Woodford Green, chemist and druggist, left estate of the gross value of 9,814*l.* with net personalty 8,732*l.* The principal beneficiaries under his will are his son Frederick Earn and his wife absolutely, and the residue of his estate to his wife, with remainder to his brother and five sisters.

Trade Notes.

MESSRS. FELTON & CREPIN, 5 Savage Gardens, Tower, London, E.C., have been appointed sole agents for Messrs. Eugenio Macajone & Co., Palermo (late of Messina), manufacturers of lemon, bergamot, and orange oils.

MESSRS. WM. GARDNER & SONS (GLOUCESTER), LTD., have been awarded diploma and silver medal for their exhibit of sifting and mixing machines, etc., at the Imperial International Exhibition, which was held at the White City, Shepherd's Bush, W., this summer.

TOWNSEND LABELS are as varied as they are artistic. This is well shown in a book of specimens which Messrs. James Townsend & Sons, Exeter, have sent us, duplicates of which will be sent to any of our subscribers who apply for it. The range of labels shown is complete and gives an excellent idea of the variety of styles that can be used in the production of chemists' labels.

BOVRIL FLAGS.—BOVRIL, Ltd., Old Street, London, E.C., are sending out to the trade "Flags for All Nations" in the form commonly sold for Christmas decorations, and they invite retailers of bovril to apply to them for particulars in regard to free samples. We observe that the company were awarded Grand Prix for their specialities at the Imperial International Exhibition.

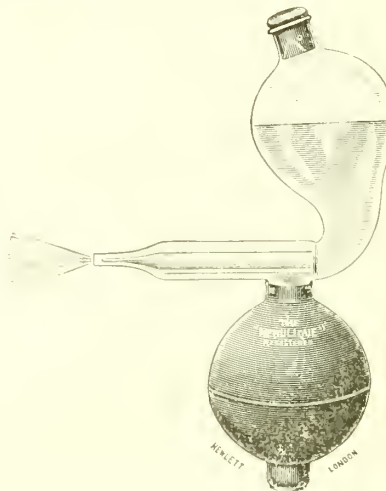
MESSRS. TIDMAN & SON, LTD., Wapping, London, E., intimate that to the end of the present year they will pay carriage on all orders for Tidman's sea-salt of 1*l.* and upwards, instead of 2*l.*—the usual minimum—in order to encourage the sale of the salt, which retains its popularity, and Messrs. Tidman will maintain it by the manner in which they foster sales and help retailers in handling the salt. A price-list of this and other Tidman preparations is given in our advertisement pages.

C. L. O. EMULSION.—The British Drug Houses, Ltd., 22 to 30 Graham Street, City Road, London, N., have introduced a new carton for the cod-liver oil emulsion with hypophosphites so well known for many years as one of the specialities of the Barron, Harveys & Co. branch. The carton, in green, red, and chocolate, is additional to the plainer cartons, which are still sent out. This is the time to lay in stocks of emulsion, for which purpose an examination of the terms for contracts for the season's supply which the company quote in our advertisement columns will be of advantage to purchasers.

WINDOW-SHOWS.—Messrs. C. E. Fulford, Ltd., Greek Street, Leeds, are issuing a booklet giving particulars of window-shows which they arrange as advertisements for Zam-Buk, Bile-Beans, and Peps. The materials are supplied to those who purchase a certain amount of goods from which a window-show allowance of 5 per cent. is deducted. Another booklet gives reproductions in colours of showcards issued to chemists who place orders with the company. Mention is also made of the new speciality—Fulford Powder—a toilet-powder attractively put up. Special show boxes and cards are issued to advertise this line.

"DENTOZONE" is the name of an antiseptic tincture for the teeth and gums which is prepared by the Medical and General Specialities Co., 21 St. James's Road, Wandsworth Common, London, S.W. The preparation is made from the prescription of a West-end dental practitioner, who was gifted with inventive genius as well as professional skill, so that in "Dentozone" he produced a tincture which is remarkably pleasant to use in the toilet. It already enjoys a good reputation, and there is a steady and growing demand for it. It retails at 2*s.* 6*d.*, 4*s.* 6*d.*, 8*s.* 6*d.*, and 10*s.* 6*d.* per bottle, and may be obtained wholesale from the company, from Messrs. Roberts & Co., New Bond Street, London, W., or any of the sundries houses.

THE NEBULIQUE SPRAY is a new spray which is produced by Messrs. C. J. Hewlett & Son, Ltd., 35 to 42 Charlotte Street, London, E.C. The form is shown in the accompanying illustration, and it will be seen that in design-



ing the spray simplicity and aseptic advantages have been kept in mind. It can be used equally with heavy oils and aqueous or spirituous solutions, and is adaptable for laryngeal, pharyngeal, and nasal purposes. It can be held in any position and used with a very small quantity of liquid.

THE SHAW INHALER.—Messrs. Macphersons, 89 Farringdon Street, London, E.C., have put on the market a new form of inhaler designed by Mr. John Shaw. It is in the form of a two-handled mug, the top edge being irregularly shaped to receive the nose and chin. There are also perforations above the water-line to permit the entrance of air. The directions for use are burnt in the surface of the earthenware, along with a device for obtaining water of the correct temperature for inhaling, whether in summer or winter. With the instrument are used various In-

halogens—a capsule form of medicament, the essential idea of which is the absorption of the remedy by a medium lighter than water, so that it is carried to the surface of the hot water. The compound menthol Inhalogen, for instance, consists of a solution of menthol, oil of lavender, and camphor; another form being cubeb oil and lemon oil. In addition, such substances as creosote and pine oil are supplied in appropriate menstrua. The advantages of the Shaw inhaler are its simplicity, the ease with which it can be cleaned after use, and the fact that the eyes are not irritated by the vapours, as happens when an ordinary jug is used. The inhaler is packed in a carton, and sells at 3s. 6d.

Business Changes.

Properly authenticated business notices (not being advertisements) are inserted in this section free of charge if promptly communicated to the Editor.

THE LYNCHPOOP COUGH CURE CO. have removed from 449 to 472 Dudley Road, Birmingham.

MR. W. C. BENNETT, chemist and druggist, has purchased the business of Mr. W. F. Turner, chemist and druggist, 37 Fore Street, Totnes, Devon.

THE office and works of Messrs. Fredk. Farmer & Co., specialists in rat-destroying, will after November 5 be 1A College Lane, Homerton, London, N.E.

MR. E. J. LATIMER, pharmacist, has purchased the old-established business of Mr. H. H. Taylor, chemist and druggist, at 24 Market Place, Loughborough.

MR. P. GRANT, chemist and druggist, formerly of Hull, has acquired the business of Mr. T. B. Davies, chemist and druggist, at 296 Old Chester Road, Rock Ferry.

THE business of the late Mr. Mackenzie, 71 Parade, Birmingham, has been purchased by Mr. G. Ratcliffe, chemist and druggist, formerly of Waterloo, Liverpool.

Westminster Wisdom.

A Record of Parliamentary Progress.

"NOT BRITISH."

The Bill which was introduced in the House of Commons on Wednesday, November 3, by Mr. Staveley-Hill, to amend the Merchandise-marks Act, proposes to abolish the gratuitous advertisement afforded by the familiar words, "Made in Germany," and to substitute the phrase "Not British." It also proposes to prevent the passing-off of foreign goods as British by requiring that where there is applied to such goods the name by which the patented article has become known, such name shall be accompanied by a definite and prominent indication of the foreign origin.

RESTRAINT OF TRADES (SHOPS) BILL.

Notwithstanding the uncertainty of the political situation, a number of private Bills have already been prepared in readiness for next Session. Among these is Mr. J. A. Seddon's Restraint of Trades (Shops) Bill, which proposes to render null and void certain provisions in shop assistants' agreements. The Bill provides that any agreement whereby a person employed in a shop shall be restrained after the termination of such employment from being engaged as servant, assistant, manager, or traveller, wholesale or retail, in any trade or business, either directly or indirectly, shall be null and void in so far as the same imposes, or purports to impose, such restraint, and not otherwise. The Bill is backed by Mr. Shackleton, Mr. Price, Mr. Clem. Edwards, Mr. Tyson Wilson, and Mr. A. Henderson.

RETAILING BENZINE.

Owing to the fact that he was unable to be in his place on Friday, October 29, when the report stage of the Finance Bill was concluded, the addition to Clause 86 proposed by Mr. Charles Craig, relating to the retail sale of benzine and other preparations, was not moved. Mr. Craig was in the House, but had been informed that the Chancellor of the Exchequer also had a motion on the paper

which covered the matter. Mr. Craig's motion on Clause 86 was as follows:

Nothing in this or the preceding section shall apply to the sale by retail of benzine, benzoline, or similar hydrocarbons the vendors of which do not keep in stock more than three gallons at one time, in securely stoppered vessels each containing not more than one pint.

Mr. Harold Pearson moved to omit the whole of Clause 85, which deals with the duty on motor-spirit. The hon. member in the course of his speech referred to the collection of the tax, and asked if the Excise authorities would visit gasworks throughout the country, or take any notice of the manufacture of benzol. Benzol, he added, is an active competitor with petroleum spirit; it is nearly as efficient as ordinary motor-spirit, and can be produced by any gas company which cares to instal a simple plant. Therefore, if preferential treatment is given to it it will rapidly oust petroleum spirit from the market. Since the introduction of the Budget there have been many instances where regular customers have cancelled running orders for petroleum spirit in favour of benzol. In many parts of the country during the last few months the output of benzol has increased 30 per cent.

The Chancellor of the Exchequer defended the tax, and said that Mr. Pearson was wide of the mark in asserting that the cost of collection would be $1\frac{1}{2}d.$; something like $\frac{1}{4}d.$ would be the figure.

Mr. Harold Pearson: Does that include the cost with respect to benzol?

Mr. Lloyd George: I am not quite sure what my hon. friend means. The whole cost of collection is 30,000*l.* That is the sum which will be added to the expenditure of the Revenue Department in consequence of this tax.

The Chancellor then moved the addition of the following to Clause 85:

At the end of Sub-section (2), to insert the words: "But a person may sell motor spirit in a quantity not exceeding one pint at one time to one person without taking out a licence as a dealer in motor spirit."

At the end of Sub-section (7), to insert the words: "and the regulations may provide for the sale and delivery by duly licensed persons of motor spirit from vans at the premises of persons who are dealers therein, and buy it to sell again."

This was agreed to without a division.

DENTISTS AND ANÆSTHETICS.

It is stated that the Departmental Committee on Coroners' Law, which has been considering the whole question of the administration of anæsthetics, is likely to recommend that dentists should be allowed without restriction to administer nitrous-oxide gas in the course of their professional work.

ANÆSTHETICS BILL.

We are informed that the Anæsthetics Bill of the late Dr. Cooper is likely to be re-introduced early next Session by one of its original supporters, who included Sir William Collins, Sir Walter Foster, Mr. Acland Allen, Mr. J. N. Barnes, Sir J. Williams Bann, Dr. Rutherford, Mr. B. S. Straus, and Mr. Carr-Gomm. It is probable, however, that before this is done the proposals as now before the House will be carefully re-examined by medical and scientific experts, so as to widen the proposals contained in the Bill with a view to meeting all possible objections that may be raised.

IMPORTED LYMPH.

In the House of Commons on November 3, Mr. A. Lupton asked the President of the Local Government Board whether the recent outbreak of foot-and-mouth disease in America was due to the use of vaccine lymph impregnated with the disease and imported from Japan, and whether, if there were no means known to science to ascertain whether lymph was free from infection, he would legislate for the purpose of prohibiting the importation of foreign lymph into this country and the sale of lymphs manufactured in England until a scientific and conclusive test had been discovered.—Mr. Burns replied that he was aware that the outbreak of foot-and-mouth disease referred to had been attributed to the cause suggested. The matter was receiving his consideration, and he was in communication with the Board of Agriculture and Fisheries.

Practical Notes and Formulae.

Liniment.

Ol. cedri	...	...	...	...	3ss.
Ol. sassafras	...	...	...	...	3ss.
Ol. origani	...	...	...	...	3ss.
Ol. conii	...	...	...	...	3ss.
Camphor.	...	...	...	...	5vj.
Chloroform.	...	...	...	...	3ss.
Liq. ammon.	...	...	...	...	3j.
Ether.	...	...	...	...	5vj.
Tr. capsici	...	...	...	...	3ss.
Tr. opii	...	...	...	...	3ss.
Alcohol (90-per cent.) ad.	...	...	...	...	5xvj.

Mix the essential oils, chloroform, and ether. Dissolve the camphor in 9 oz. of alcohol, add the tinctures of opium and capsicum, then the solution of ammonia; mix the solutions and adjust to volume with alcohol.

Another.

Ol. cedri	...	...	...	...	3ss.
Ol. sassafras	...	...	...	...	3ss.
Ol. origani	...	...	...	...	3ss.
Camphor.	...	...	...	...	5vj.
Chloroform.	...	...	...	...	3ss.
Ether.	...	...	...	...	5vj.
Tr. capsici	...	...	...	...	3j.
Ol. sinapis essent.	...	...	...	...	3ss.
Ol. terebinth.	...	...	...	...	3j.
Alcohol (90-per cent.) ad.	...	...	...	...	5xvj.

Mix the oil, ether, and chloroform together, add the camphor dissolved in 1 oz. of alcohol, and adjust to volume with alcohol.

The Week's Poisonings.

Poisoning is the total of poisoning fatalities reported during the week, of which four were by misadventure. Death by misadventure was the verdict returned by the jury at the inquest on Thomas May, 57, of Stratford, who died from the effects of cyanide of potassium poisoning. The Coroner disagreed with the verdict. Dr. No. C. L. Ward ended his life at Borneo by taking phosphoric acid on account of financial difficulties. Margaret Scott (64), widow, Hulme, who was in a dying condition, but died for good by taking a liniment containing kerosene and turpentine. At the inquest the cause of death was stated to be opium poisoning. Oxalic acid poisoning caused the death of Edith W. Randal at Highgate, London, N. Laurence M. Abbott, an American domestic servant, committed suicide by taking an overdose of Carbolic acid administered in mistake for medicine caused the death of Carrie Wigglesworth (33), the wife of a Batley cloth hatter. The husband emptied the remains of a quantity of the acid into a medicine bottle as he wished to obtain a further supply. By some means the poison got into the sick room, where it was administered to the invalid by a neighbour. The same poison was taken with suicidal intent by a Bradford widow, named Clara Inghen (46). It was stated at the inquest that four ounces of the corrosive fluid was taken. Edward Hawkes (72), a Cambridge army pensioner, committed suicide by taking veronal. At the inquest the Coroner stated that the bottle produced contained "compressed tablets of veronal," and elicited that it would contain twenty-five tablets of 5 gr. each, but only one was left, although he purchased the drug from a chemist two days previously. Clara Jasper died at Ramsgate from an overdose of veronal. An excessive dose of the same narcotic caused the death of Charles Bramley, barrister at law, Harley Street, London, W. Deceased stated that he had taken 15 gr. of the drug. At the inquest the Coroner stated some action ought to be taken to prevent persons obtaining supplies, as cases were getting too familiar to him. The jury recommended that veronal should only be supplied on a physician's order. Clara Lewis (43), nurse, Cardiff, also died from an overdose of veronal. At the inquest it was stated that deceased, who took the drug for insomnia, must have taken a bottleful of tablets, or perhaps even two phials. The Coroner said he thought there should be some legislation which, without interfering with the legitimate trade of the chemist, should form a protection for the public, particularly the ignorant. The jury returned a verdict of "Death from misadventure," and asked the Coroner to write to the Home Secretary pointing out the desirability of the law being amended so that such drugs as these could not be obtained so easily. Spirit of salt was used for suicidal purposes by Elizabeth Edwards (27), of Lambeth, London, S.E. Mary Ann Potts (31), the wife of a baker, died in the Kiddermister Infirmary from lead poisoning, the effect of an abortifacient. A Kingston-on-Thames seedsman named H. I. Mitcham committed suicide by taking "XL-All Fumigating Compound" (p. 699).

INFORMATION DEPARTMENT



The object of this department is to supply our subscribers with the names and addresses of manufacturers and agents, or other business information which they may be in need of. Inquiries should be sent by post, addressed to the "Information Department of 'The Chemist and Druggist,' 42 Cannon Street, London, E.C." The information is supplied in most cases from references in our private registers; if not immediately obtainable, an inquiry is inserted free under "Information Wanted" in the next published issue of "The Chemist and Druggist." Urgent inquiries by telegraph or telephone are attended to, but they should, when possible, be confirmed by post.

Inquiries in regard to dispensing, legal, practical, technical, or other pharmaceutical subjects should be addressed to The Editor, who will reply to them in the Correspondence Columns.

Information Wanted.

We would be obliged if readers would reply, by postcard or otherwise, to any of the subjoined inquiries. Replies should be addressed to the "Information Department of 'The Chemist and Druggist,' 42 Cannon Street, London, E.C."

- 222, 18. Makers of "Saxon" food.
- 226. "Lister's Antiseptic Soap"; who makes?
- 244 56. "Magnetic" chest-protectors: who supplies?
- 244 67. Where can "Amponles Electragol" be obtained?
- 244 41. "Exelo" shaving-cream: where can it be obtained?
- 246 73. Present address of the manufacturers of "Pedaline Soap"?
- 244 7. What is "American putty"? It is used as a veterinary remedy.
- 224 23. "Nonvena" face-powder: who are the proprietors or where obtainable?
- 181 11. "Salutis" soap: where can it be obtained? Suggested to be of Italian origin.
- 719 60. Present address of the Andrew Jergens Co., formerly of Great Sutton Street, London, E.C.
- 246 11. What is "Herculite" (in slabs), and where obtainable? It is described as "a pulp for making tea-pot handles."
- 225 15. Makers or packers of a dry malt extract in round amber bottles stamped 603 in triangle on bottom; label printed in brown ink; bottle sealed with red celluloid capsule. Retail at 1s.

Information Supplied.

In reply to inquiries, information has been sent to subscribers and others by our Information Department in regard to the following subjects. The information will be repeated to any others requiring it who send a stamped and addressed envelope for the purpose to the Information Department as above. The subject of the inquiry and the registration number should be exactly quoted.

- "Agonoids," maker (220/67).
- Anger's Emulsion, makers (2156a).
- Calderwood's "Laryngine," makers (225/73).
- Capsules Lymphoid Co. (Lowenthal) (227 60).
- Carter's Little Liver Pills, actual makers and agents (2156).
- "Chicken" makers (218/65).
- Chip boxes, actual makers (244).
- Cod-liver oil condiment (217/32).
- Cork manufacturers (special varieties) (223/12).
- Dun's capsules, makers (225/54).
- Durant's capsules, address (225/85).
- Elliman's Embraceation, maker's address (Continental) (221/56).
- Eno's Fruit Salt, actual makers (221/56).
- "Farmer's Friend" makers (2536).
- "Galak" food, supply (227/48).
- Gellé Frères, London agents (225/68).
- "Lactoids," suppliers (223/45).
- Magie-lanterns, makers (222/5).
- National Dental Association, particulars (225/43).
- Neurasthin, source of supply (225/40).
- "Nizin," source of supply (223/44).
- "Oxford" suspensary, supply (224 9).
- Packeting machinery, makers (217/61).
- Part-time classes (Minor) (223/55).
- Paste for labelling tins, makers (223/63).
- Pocock's "Non-Exeiseable Beers," publishers (222/2).
- Pond's Tampons, makers and agents (224/44).
- Requa manicure-sets, London agents (225/23).
- "Sen-Son," makers (225/68).
- Savarese's Capsules, actual makers (225/94).
- Stiefel's soaps, supply (225/68).
- "Tatcho," address of makers (225/68).
- "Three-in-One" oil, makers and agents (219/48).
- Trypan blue, supply (221/66).
- Vin Muscat Alexandria, suppliers (224/12).
- Whitworth Hird, address (211/57).
- Watkin's Embossing Co., address (227/43).

Observations and Reflections.

By "Xravser"

The Mercer "Pharmacy" Case

is likely to be a prominent and by no means a pretty landmark in our pharmaceutical history. Less than a year ago we fondly fancied we had squared the legal juggle of 1880 which handed over our statutory title to any seven jockeys who chose to form themselves into a drug company. The compromise embodied in the 1908 Act did, in fact, ensure a moderately respectful recognition of our property in the description of "chemist and druggist," and secured for us that of "pharmacist" unequivocally as a personal possession. But "chassez le naturel, il revient au galop"; and apparently the tendency to appropriate our clothing is inherent in unqualified human nature, so we have no sooner made good our defences in one direction than we find an alarming breach made in them in another part. In some respects this invasion is worse than its predecessor, for if the judgment of the King's Bench Division should be maintained in the higher courts there will be nothing to prevent every shop in the land being called a pharmacy without any company formality whatever. The pharmaceutically rejected, the apothecaries' assistants, the ex-Army compounders, and the newly licensed poison-vendors will run "high-class pharmacies," "West-end pharmacies," and "pure-drug pharmacies," and will shoot at us from fresh vantage ground. This risk must be prevented if possible, and if necessary the contest must be carried to the highest tribunal.

The Pivot of the Controversy

was indicated in Mr. Justice Darling's semi-jocular inquiry whether we are bound to suppose that an eagle is to be found in a house designated "Eagle's Nest." The Judge showed a little later that he appreciated the distinction of motives between the drug-dealer who describes his shop as a pharmacy, and the city clerk who denominates his suburban villa "The Oaks," or "Melrose," or "Eagle's Nest." But the question indicated that the difficulty then passing through the judicial mind was the undoubtedly puzzling one of transferring the signification of the name of a place to a person. Mr. Vaughan Williams chose that moment to add to the intricacy of the problem by insisting that the use of any word derived from "pharmakon" would suggest to the public mind that the person employing it was a pharmacist. The claim looks bigger than it really is, for there are very few English words in actual use derived from "pharmakon," and probably any one of them would carry the suggestion Mr. Vaughan Williams attributes to it. But it may be doubted whether it was politic to submit this large meal to the Court which was finding the one word too big a mouthful. Now

The Pharmaceutical Council,

having landed the trade in this awkward corner by what seems to have been a serious lapse of discretion, must spare no effort to get a correct, or at the worst an ambiguous, judgment. There are two more Courts to appeal to, and it may be necessary to try both. The task is not an easy one. A place is not a person, and "Bellerby" is up against them formidably. On the other hand, judges can be persuaded occasionally to lay aside their legal spectacles and see things with their own eyes. They must know that in ordinary English a "pharmacy" is understood to be a specially scientific place, presided over by a learned person—a pharmacist at

least. Mr. Mercer may have adopted the designation in all good faith; but we may be sure that if the Courts finally decide against the Pharmaceutical Society, the principal result will be to benefit the persons who are glad to have the public believe them to be something they are not. Is a slavish adherence to precedent worth the price which sometimes has to be paid for it?

As a Memorial

to Professor Kahlbaum, of Basle, a German chemist who had made a high reputation by his historical and other studies, and who died in 1905 at the age of fifty-two, a novel and valuable volume has been published by Franz Deuticke, of Leipzig, containing articles all treating some point of the history of chemistry, contributed by more than sixty men of international reputation from Germany, France, England, the United States, Italy, Spain, Greece, Holland, Norway, and several other countries. Most of the essays are in German, but several are in English, French, and Italian. They are of varying degrees of importance, and are all unconnected. Apparently each author chose his own subject. The contributions in English are a sketch of the life and work of Joseph Black by Sir W. Ramsay, a review of the genesis of Dalton's Atomic Theory by Sir H. E. Roscoe, and records of the work of J. Lawrence Smith and of H. Carrington Bolton by F. P. Venables, of Chapel Hill, U.S.A. The following is a very abbreviated notice of a subject which has been a puzzle to scientific historians for centuries. How did the ordinary water-bath, the vessel of heated water in which other vessels were placed for purposes of distillation or digestion, acquire its ancient and curious designation of

"Balneum Mariæ,"

"balneum maris," or, as it is usually termed in old books, "bain-Marie," sometimes translated "St. Mary's bath"? The term is found in the medical and chemical writings of Arnold of Villa Nova and Raymond Lully, who were famous six hundred years ago, and they employ it without any explanation and as if it was well understood. The thing itself is described, but the name is not used by Albertus Magnus, a century earlier. The obvious theory is that the apparatus was for some reason named after the Virgin Mary. Another view which has no known historic foundation is that sea-water was originally employed as the bath; hence the term "balneum maris." More happy is the suggestion that it was named after an ancient alchemystress of the name of Maria, who is supposed to have written some scientific treatises in the second or third century. Littré says rather dogmatically, and Murray adopts his explanation, that the bath was called "bain-Marie" because it provided a gentle heat; which strikes the student as a somewhat lame piece of etymology. Why should a gentle heat become known as a Mary? The article on this subject in the Kahlbaum book is by Edmund O. v. Lippmann, who is described as "Fabrik-Direktor" of Halle. He deals with the problem exhaustively and learnedly. He believes in the existence of Maria the alchemystress, but shows that the bath she recommended was either an ash or a sand bath. But the water-bath is evidently referred to by Pliny, Dioscorides, Theophrastus, and as far back as Hippocrates. Then he traces it back to the Egyptian temples and supposes that in the processes used in them, a similar apparatus was known as the bath of Isis, that goddess having special authority over water. The legends of Isis not only found their way into Greek mythology, but many of them, coming *via* Alexandria, were adopted by some of the sects of the early Christian Church. Thus, to quote one example, the verberna was known to the Egyptians as the tears of Isis, later to the Greeks as the tears of Artemis, and in old German it was sometimes called Marienkraut. By a similar transference of legends Mr. Lippmann suggests that among the Alexandrian Christian scientists the bath of Isis came to be called the Balneum Mariæ, that under this name it became familiar to the Arab chemists, and that from their schools in Spain it became known again to the Western Christians of Europe.

THE
'SANITAS-BACTOX'
COAL TAR
13 VAPORISER. EACH.

For Whooping Cough, Croup, Asthma, &c.



Meets the demand for a thoroughly efficient Vaporiser, at a reasonable price.

Protected price, 13.

Prices to the trade
on application to

THE SANITAS CO., LTD.
Locksley Street, Limehouse,
London, E.

WARRICK BROTHERS.

G. S. MUMFORD, FARRINCOTON RD., LONDON, E.C.

No. 1 Finest Pure CRUSHED LINSEED	20 cwt.	Finest Pure STARCH POWDER	22 cwt.
No. 2 Pure CRUSHED LINSEED	19 cwt.	No. 1 Finest Light Pure PRECIPITATED CHALK	25 cwt.
Best Cleaned LINSEED (TEA)	19 cwt.	EPSOM SALTS, E. S. S. Purified, Clean, and Dry	11/6 cwt.
No. 1 Finest Pure FULLER'S EARTH (Light Colour)	15 cwt.	Finest Levigated "WHITE EARTH" (Toilet purposes)	18 cwt.
Finest Compound LIQUORICE POWDER	8 & 1 lb.	Finest Pure TOILET OATMEAL, SPECIAL	32 cwt.
Finest Pure LIQUORICE JUICE	1/10 lb.	Finest ARROWROOT	1 lb.
BICARB. SODA Finest	15 cwt.	FULLER'S EARTH (In Dredgers)	1/12 & 1/6

"THE CHEMIST & DRUGGIST" SERIES.

PHARMACEUTICAL FORMULAS.	Price 10/-, by Post 10/6
THE ART OF DISPENSING.	Price 6/-, by Post 6/4
VETERINARY COUNTER PRACTICE.	Price 4/-, by Post 4/4
THE CHEMIST-OPTICIAN.	Price 4/-, by Post 4/3
ELEMENTARY DISPENSING PRACTICE.	Price 3/6, by Post 3/9
DISEASES AND REMEDIES.	Price 3/-, by Post 3/3
PHARMACEUTICAL TESTING.	Price 2/6, by Post 2/9
GUIDE TO PRELIM. EXAMS.	Price 2/6, by Post 2/9
URINE ANALYSIS.	Price 2/6, by Post 2/9
CHEMIST'S MEDICAL DICTIONARY.	Price 2/6, by Post 2/8
OPENING A PHARMACY.	Price 2/-, by Post 2/2

Published at the Offices of "THE CHEMIST AND DRUGGIST,"
LONDON, MELBOURNE, AND SYDNEY.

GRIMBLE'S PURE VINEGAR

Brewery: LONDON, N.W.

JAMES
BURROUGH
LTD.
Cale Distillery,
Hutton Road,
LAMBETH,
S.E.

SVR

AND
METHYLATED
SPIRIT
at lowest prices.

Write for Quotations.

FLETCHERS' FOR TINCTURES, INFUSIONS, AND SYRUPS. CONCENTRATED

Sole Proprietors:
FLETCHER, FLETCHER & CO., Ltd.
London and Sydney.

LIQUORS

Editorial Comments.

The Agri-Horticultural Position.

SINCE we commented a fortnight ago on the apparent inaction of the Pharmaceutical Council regarding the administration by local authorities of Section 2 of the Poisons and Pharmacy Act, the Council has received further stimulus to "be up and doing." In September we published an exhaustive analysis of the statistics then available, which showed that certain counties in Scotland have been treated with excessive generosity in numbers of poison licences. The Executive of the North British branch has since prepared an even more detailed statement of the facts, which was submitted to the Council on Wednesday. This statement shows conclusively that the spirit and the letter of the Act, and regulations made under it, have been grossly violated by some local authorities, as, for instance, by several licences being granted to one individual in respect to premises widely apart. On Wednesday also the Council received a deputation from the Cumberland and Westmoreland Chemists' Association, consisting of Messrs. Ridley (Carlisle), Townley (Keswick), Heap and Irvine (Kendal), and Edmondson (Penrith). These gentlemen were able to give the Council facts at first hand. They spoke on behalf of chemists who have been doing business in agricultural poisons all the time they have been in business on their own account, and who have, in some instances, since April 1, had their next-door neighbours licensed to do the very thing they have for years been doing as a statutory duty requiring a statutory qualification. They were thus able to bring direct to the Council the grievance felt by those chemists who relied upon the reservation in the Act to the effect that where the reasonable requirements of the public are provided for, there local

authorities should not grant licences. The particulars submitted in a conference, which lasted all the afternoon, should be of service in the Council's administration, and we understand that the Law Committee will consider them, as well as the Executive's statement, with a view to an early report.

The Opium-market.

THE prospects for a twenty-shilling opium-market, which were hinted at in our Smyrna cable last week, are becoming healthier daily, as it will be seen from our latest advices that the tone is very "bullish" and that up to the equivalent of 19s. per lb. has been paid this week for "extra" Karahisar in Smyrna by United States buyers and speculators. When we wrote on the position of opium in June last it was confidently anticipated that the yield of the new crop would be between 7,000 and 8,000 cases, but, as subsequent events proved, this estimate was quite wide of the mark, and by July the expected output was reduced to 6,000 cases and again in September to 5,000 cases. Since then it has transpired that the crop has barely reached this figure, so that finally it may be placed at between 4,500 and 5,000 cases. Practically the whole of this crop consisted of spring sowings, and just at a critical period when the capsule was maturing in June and July, hot winds and drought prevailed, which brought about the drastic reduction in crop estimates. This, following on a small crop in 1908 (about 3,500 cases) and extremely low stocks in all the world's markets, forms the key to the present situation. It is difficult to state with exactitude what the stock in Smyrna was at the commencement of the season in June, but it was given out by interested parties at slightly over one thousand cases. A Smyrna correspondent, however, wrote us at the time that there were only 480 cases in stock, and he gave us full particulars of the quantity deposited in each bank, adding that if his figures were proved to be incorrect he would forfeit 100%. This by the way, as showing how the stock figures are manipulated, buyers over-estimating and native dealers under-estimating them. It is generally agreed, however, that the carry-over must have been comparatively small. At the beginning of a new season everybody naturally expected to be able to buy at lower prices, and, as a consequence, consumers mostly held aloof from the market during July, only 150 cases changing hands in primary markets that month at the lower range of between 9s. 6d. and 10s. 6d.; and it was not until August, when the truth in regard to the diminished yield of opium became known, that buyers began to realise that a material and sudden change had taken place in the situation and that the prospects of cheap opium this season were remote. The United States, always the predominant factor in the opium-market, commenced buying in August (when 400 cases were turned over in Smyrna alone), paying between 9s. 6d. and 13s., and they have consistently supported the market since, thus indicating that they were badly in want of opium. They bought largely in September (over 300 cases) at from 12s. 8d. to 15s., and at this period the American demand was augmented by that of some good-sized European orders. Consequently prices advanced from one day to another, a halt being called in the middle of September, and prices before the end of the month eased slightly; but this was merely temporary, as October again witnessed strong American buying, upwards of 300 cases being sold for that account, up to 17s. per lb. being paid for rich druggists' grades. Should this demand continue, it is fully anticipated that 20s. will be eventually reached, as the stocks of Karahisar and other richer qualities are now

becoming exhausted, and holders do not hesitate to ask higher figures with each new transaction. There is, however, always the danger of driving up prices to a level which restricts consumption, and the feeling in some quarters is that the advance in Smyrna is being "over-done." As regards Persian opium, a large business has been done to arrive at prices advancing in sympathy with the Turkey drug. It is estimated that since the beginning of September between 600 and 700 cases of Persian have been sold to arrive in various positions, and while such is available it serves in a measure to counteract the extreme prices of Turkey. The crop of Persian is always an unknown quantity, and no figures are available, but in view of the disturbed condition of the country it is held the crop must be small. The element of strength about the general position to-day is that the stocks in consumers' and dealers' hands are extremely small, and this is particularly the case with America, as she is still a buyer.

Retailing Benzine.

WE reported last week that through the action of the Chemists' and Druggists' Society of Ireland notice of an amendment to Clause 85 of the Finance Bill providing for the retail sale of benzine, benzoline, and similar hydrocarbons without a motor-spirit vendor's licence. Mr. Gibson, President of the Society, requested us to draft the amendment, which we did, and it is satisfactory to note that the Chancellor of the Exchequer (to whom Mr. Gibson had also written) accepted the principle, and himself moved an amendment to Clause 85 providing the desired relief. Sub-clause 2 and the addition to it (here given in italics) are as follows:

(2) As from the first day of June nineteen hundred and nine there shall be charged, levied, and paid on motor spirit made in Great Britain or Ireland an Excise duty at the rate of threepence per gallon, and there shall be charged on a licence to be taken out annually by a manufacturer of motor spirit and by a dealer in motor spirit an Excise duty of one pound and an Excise duty of five shillings respectively, *but a person may sell motor spirit in a quantity not exceeding one pint at one time to one person without taking out a licence as a dealer in motor spirit.*

This is substantially the amendment which we suggested on June 26, when we said:

"The simplest way to exempt retailers of small quantities from the licence would be to amend Sub-clause (2) of Clause 64 [now 85] by adding to it the words in italics:

... There shall be charged on a licence to be taken out annually by a manufacturer of motor spirit and by a dealer in motor spirit *(except retailers of less than one pint per diem to one person)* an Excise duty of one pound and an Excise duty of five shillings respectively.

This would relieve retailers, and would not interfere in the slightest with the motor-duties, for a pint of petrol is practically useless to a motorist, and he would not dream of buying it in such small quantities, while a pint is a fair top limit for retail sales of benzine and petroleum spirit for cleaning-purposes.

The Chancellor's acceptance of the suggestion at the eleventh hour is not only gratifying in itself, but is a lesson in the value of "keeping at it." It is to the credit of Belfast druggists that the point was not lost sight of, and one wonders how far amendments in other parts of the Bill which affect the drug-trade could have been secured if persistency rather than capitulation had been the order of the day.

The Spirit Surtax.

SPECULATION is rife among all users and consumers of spirit as to the outcome of the 3s. 9d. Budget surtax in the event of the rejection of the Finance Bill by the House of Lords. Will the money be returned or the extra duty cease from the date of the rejection? In our opinion neither course will happen, but the surtax will continue to be charged and paid.

To refund the large amount already collected, something like 400,000*l.*, would involve too serious a drain upon the national exchequer at this juncture, and would be strenuously opposed by the Treasury authorities. Nor would the other alternative answer—namely, that of ceasing to charge the surtax after the Bill's rejection by the House of Lords—inasmuch as questions would immediately arise as to the legality of the previous duty charged by the Customs and Excise, and endless litigation ensue. Budget increases become leviable by resolution in the House of Commons on the faith that the procedure in the one Chamber will be countenanced later on by the Second Chamber. Expediency dictates this premature course being adopted in order to prevent advantage being taken of the national revenue by forestalments. If, however, a House of Commons resolution does not eventually crystallise into a law (the only authority of taxation), the resolution becomes null and void. But there is the greatest improbability of this particular legislative abortion happening, for rejection of the whole Bill not only means refund of all the surtaxes and the new motor-duty, but it would also mean the rejection of the tea-duty and income-tax. As a matter of fact, the tea-duty expired on July 1, 1909. Neither the surtaxes on spirit nor the motor-duty already collected concerns the House of Lords so much as those duties contained in the Bill which are not yet collected—land-taxes and licence increases. If this line of demarcation be recognised the course likely to be followed in the event of "rejection" becomes a little clearer. The "revenue" portion of the Bill *must* go through, and therefore it becomes almost a mere question of expediency as to the manner in which this result will be achieved. Thus the Finance Bill may be hung up until the House of Commons sends up an amending Bill containing this "revenue portion" in question, which will be allowed to pass and become law, and then the rejection of the original offending Bill will occur. Whatever course may be taken to safeguard the interests of the national exchequer, the hope of any cessation, much less a return, of the spirit surtax is indeed a slender one.

Apothecaries' Assistants.

At a well-attended meeting on Monday evening, the Association of Apothecaries' Assistants resolved to appeal to the Apothecaries' Society to do something to compel the Pharmaceutical Council to make haste in the matter of registering apothecaries' assistants as pharmaceutical chemists. Mr. Mowbray Upton, Clerk to the Apothecaries' Society, was present, and unofficially encouraged the assistants in their notion that they have a grievance against the Pharmaceutical Council. He in a fine declamatory manner threatened the Pharmaceutical Society with opposition in its peculiar business of registration, even stating that fresh Parliamentary powers might be sought for. How far Mr. Mowbray Upton's utterances were judicious we do not venture to say; he made it clear that he did not speak for the Apothecaries' Society or its Governors; but a subsequent speaker told the meeting that Mr. Mowbray Upton is "the power behind the throne" at Blackfriars, and it will be generally agreed that what he says has weight. We consider it a matter of real regret that a lawyer in Mr. Mowbray Upton's position should encourage hopes such as apothecaries' assistants have, without reference to the origin of the enactment to which they have succeeded in attaching themselves. Its history goes back a quarter of a century or more, but it was not until Colonial pharmacists succeeded in getting Mr. Joseph Chamberlain to move the Pharmaceutical Society to provide for reciprocity of pharmaceutical qualifications that the thing came within

the range of practical politics. The Society agreed to Mr. Chamberlain's representations, and made it perfectly plain that the basis of reciprocity would be (1) practical experience in retail pharmacy, (2) a curriculum of study, and (3) examination in the subjects of practical experience and the curriculum. The proposition was well discussed, and the general principles agreed upon before the provisions of Section 4 of the Poisons and Pharmacy Bill were reduced to writing and embodied in one of the Society's Pharmacy Bills. No secret was made of the terms, and nobody who gave the matter attention was unaware of the fact that the conditions upon which Colonial pharmacists would be admitted to the register of chemists and druggists or of pharmaceutical chemists in Great Britain would be, if anything, more stringent than the Minor and Major examinations of the present time. The War Office without invitation chose to ask Parliament to tack on Army dispensers to the proposal, and the Apothecaries' Society did the same for its assistants. The latter, ignoring the genesis of the reciprocity proposal, seem to think that registration should have come to them forthwith, and it is this foolish notion that Mr. Mowbray Upton has encouraged. We do not in the slightest object to the Pharmaceutical Council expediting its draft of the by-laws which will give effect to Section 4, and with the experience of five-and-twenty years of genesis the draft may come sooner than later, but when it does come it will be based upon the original purpose of the section, and not upon aspirations of Army dispensers and apothecaries' assistants, who thought that the proposal was an opportunity for securing the benefits of a statute to which their qualifications otherwise do not entitle them.

White Cross Congress.

Mr. Loudon M. Douglas, Hon. Secretary in the United Kingdom of the White Cross Society of Geneva, has issued a printed statement entitled "Impressions on the Second International Food Congress," in which he gives a concise account of the proceedings already reported in *THE CHEMIST AND DRUGGIST*. "The Times" of November 1 contained a half-column report on the Congress, and somewhat longer comments by "A Critic," in which official participation of Great Britain in the work is deprecated, as it seems impossible, in the writer's opinion, for British hygienists and administrators to step in at this stage for the first time, since the Congress is already committed definitely to a large number of conclusions, which are perfectly intolerable and impossible for Great Britain. It is suggested that the Congress is to meet in London next year, but there is little hope of chemical and pharmaceutical authorities supporting the suggestion.

"Progressive" Pharmacy.

Mr. Arthur Machen, writing in "Vanity Fair" on the progressive movement, tells in humorous style what might happen if it applied to chemists. He says:

It was pointed out that this chemist's shop was full, by common knowledge, of the most valuable drugs and the most precious and salutary medicaments. Why, it was asked, should all these rare things be dispensed at the sole pleasure and discretion of Tomkins, the chemist, a member of a privileged caste? And nobody could deny that Tomkins held documents of the Pharmaceutical Society which pretended to confer on him certain privileges and exemptions. Here, they said, was the villainy; for all privilege is essentially undemocratic. So a man who did odd jobs, and a scavenger, and a cobbler (all of them plain, practical men) were elected by the people to dispense drugs in the place of the privileged Tomkins. And, since laudanum is good for insomnia, they gave the sleepless laudanum in pint doses; as a tonic—in mild cases—they prescribed sulphuric acid by the tumbler, hot, with two lumps of sugar; serious debility and "that tired feeling"

were treated by the exhibition of 3 oz. of strychnine, to be taken three times a day; and old John, who was always bored, was advised to try a wineglassful of cyanide of potassium with his supper-beer. For the people, being educated, were no longer ignorant slaves, and consequently, they knew that laudanum was a hypnotic, and that cyanide of potassium was good for *accidia*. These are undeniable positions; and yet the democratic movement in the town came to an end very soon after this remarkable step against drug-craft had been taken. The stupid old squire and the pompous old parson returned to their places; and Tomkins, a dense man enough, in all conscience, weighed out once more his beggarly minims and his pitiful scruples.

We do not invite Progressives to knock the bottom out of this *exposé*. We reprint it solely for the higher moral attached—namely, that the qualification of the vendor, as formulated by Parliament in 1868, is essential for the safety of the public.

"Pharmacy."



This engraving is reproduced from a sketch by Mr. James Haddock, jun. (Liverpool), who is still in his teens, and was suggested after perusal of the Divisional Court of King's Bench decision in the *Pharmaceutical Society v. Mercer* appeal. The feeling in regard to it is very warm in the Liverpool district. Dr. J. C. McWalter, of Dublin, writing to us on November 1, says: "The recent decision apparently decides that the pharmacist or the quack can call his place 'The Surgery, Blank Street, with impunity?' The doctor is an apothecary, pharmacist, physician, surgeon, and barrister, so he might enlighten his pharmaceutical confrères a little more on the question."

Scientific Progress.

Temperatures under this heading are on the Centigrade scale.

Leaf-alkaloids.—Dr. O. Tunmann (Berne) has found as a result of investigations on the alkaloidal content of *Pilocarpus pennatifolius* and *Erythroxylon Coca* that the alkaloids are present in greatest amount in the cells containing little or no chlorophyll, while cells containing oxalates are always free from alkaloids. During the growth of jaborandi-leaves it was ascertained that although the absolute amount of alkaloid present in the leaflets increased the percentage decreased. Thus 50 leaflets measuring up to 8 cm. yielded 0.235 per cent. of alkaloid, 50 leaflets up to 10 cm. gave 0.226 per cent., so decreasing with increase in size of the leaf. The alkaloidal content of *pilocarpus*-leaves decreased by 50 per cent. within six weeks when kept in damp rooms. The alkaloidal content of *coca*-leaves also decreases with storage. The author observes that alkaloids contained in seeds are removed in the rising sap, the proportion depending on the relative solubility of the alkaloids. *Coca*-seeds during germination lost almost the whole of their alkaloids in ten weeks, while in *nux vomica* seeds only 0.168 per cent. was removed.

New Books.

These notes do not necessarily exclude subsequent reviews of the works. Any of these books printed in Great Britain can be supplied, at the published price, to readers of this journal on application (with remittance) to the Publisher of "The Chemist and Druggist," 42 Cannon Street, London, E.C.

Bailey, G. H. *First Stage Inorganic Chemistry (Theoretical)*. 7 $\frac{1}{2}$ ×4 $\frac{1}{2}$. Pp. 266. 2s. (Clive.)

Bennett, H. G. *The Manufacture of Leather*. 8 $\frac{3}{4}$ ×5 $\frac{1}{2}$. Pp. 442. 16s. net. (Constable.)

Biltz, H. and W. *Laboratory Methods of Inorganic Chemistry*. 8vo. 12s. 6d. net. (Chapman & Hall.)

Bottomley, S. E. *Photography in Principle and Practice*. 8 $\frac{3}{4}$ ×5 $\frac{1}{2}$. Pp. 288. 3s. 6d. net. (Dawbarn & Ward.)

Caven, R. M. *Systematic Qualitative Analysis*. 8×5 $\frac{1}{2}$. Pp. 250. 3s. 6d. net. (Blackie.)

Chemistry. Part II.: Inorganic and Organic. Pp. 73. 1s. net. (Livingstone.) [This is a new edition of the Catechism Series, in which students have presented to them in italic type questions that are likely to be given at examinations, and the replies which they ought to make. It is useful for revision work.]

Clark, Gertrude. *All About Sweet-Making*. Text-book of the Glasgow School of Confectionery. 7 $\frac{1}{2}$ ×5. Pp. 76. 2s. 6d. net. (Menzies.)

Cohn, Lassar. *Chemistry in Daily Life*. 4th ed. 8 $\frac{3}{4}$ ×5 $\frac{1}{2}$. Pp. 518. 6s. (Grevel.)

Cole, R. T. *A Treatise on Photographic Optics*. 7 $\frac{1}{2}$ ×4 $\frac{1}{2}$. Pp. 338. 2s. 6d. net. (Low.)

Ellis, David. *Outlines of Bacteriology, Technical and Agricultural*. 8 $\frac{3}{4}$ ×5 $\frac{1}{2}$. Pp. 274. 7s. 6d. net. (Longmans.)

Hoblyn's Dictionary of Terms used in Medicine and the Collateral Sciences. 14th ed. 7 $\frac{1}{2}$ ×4 $\frac{1}{2}$. Pp. 880. 10s. 6d. (Bell.)

Jennings, Oscar. *The Morphia Habit and Its Voluntary Renunciation*. 7 $\frac{1}{2}$ ×4 $\frac{1}{2}$. Pp. 502. 7s. 6d. net. (Baillière.)

Matthews, J. M. *Laboratory Manual of Dyeing and Textile Electricity*. 8vo. 15s. net. (Chapman & Hall.)

Notes on Service Telescopes and Binoculars. 6d. (Wyman.)

Sadler, S. H. *Infant-feeding by Artificial Means*. 3rd ed. 7 $\frac{1}{2}$ ×5. Pp. 280. 3s. 6d. (Routledge.)

Savill, Thomas D. *System of Clinical Medicine*. 2nd ed. 9 $\frac{1}{2}$ ×5 $\frac{1}{2}$. Pp. 992. 25s. net. (E. Arnold.)

Seales, F. Shillington. *Practical Microscopy*. 2nd ed. 7 $\frac{1}{4}$ ×4 $\frac{1}{2}$. Pp. 334. Illustrated. 5s. net. (Baillière, Tindall & Cox.) [The previous edition was brought out four years ago, and the present volume has been increased in size to nearly double the number of pages. The chapter dealing with the choice of a microscope has been largely rewritten, new instruments having been introduced in the meantime. There is also considerable amplification in the chapter dealing with the practical optics of the microscope, and a new chapter has been added on photo-micrography. It is a book that can be thoroughly recommended to pharmacists.]

Schorer, Edwin H. *Vaccine and Serum Therapy*. Including also a study of infections, theories of immunity, opsonins and the opsonic index. 8vo. 10×7. Illustrated. 9s. net. (G. Keener.)

Smith, J. Cruickshank. *Oxide of Zinc, its Nature, Properties and Uses*. 7 $\frac{1}{2}$ ×4 $\frac{1}{2}$. Pp. 112. 3s. net. (Trade Papers Co.)

Spatula Soda-water Guide and Book of Formulas for Soda-water Dispensers. 9 $\frac{1}{2}$ ×6 $\frac{1}{2}$. Pp. 176. Third ed. \$1. (Spatula Publishing Co., Boston, Mass.) [Contains, in addition to formulae for soda-fountain beverages, a good deal of information on the installation and care of a soda-fountain. The guide is written by Mr. E. F. White, a soda expert, and seems to embody everything that is required to be known by those who own a soda-fountain.]

The Patent Road to Fortune. By a Successful Traveller on it. 6 $\frac{3}{8}$ ×4 $\frac{1}{2}$. Pp. 56. 3d. net. (Burt Bros., West Street, Hull.) [An interesting booklet on taking out letters patent. The author does not advise the patent of medicines, but recommends the registering of a trade-mark in preference.]

Voorschriften van Specialités, compiled by a commission of Nederlandsche Maatschappij ter Bevordering der Pharmacie. [A booklet of twenty-four pages devoted to formulae for imitations of proprietary medicinal preparations which are popular in Holland. We find Hazeline, Santal Midy, Hazeline Snow, Emerson's Bromo-seltzer, Eno's Fruit Salt, and California Syrup of Figs among the articles copied.]

Emery, F. B. *Elementary Chemistry*. Cr. 8vo. Pp. 680. 8s. 6d. net. (Williams & Norgate.)

Pharmaceutical Society of Great Britain.

COUNCIL-MEETING.

A MEETING of the Council was held at 17 Bloomsbury Square, London, W.C., on November 3. Grants were made from the Benevolent Fund amounting to 182*l*. The Manchester scholar having passed the Minor shortly after holding the scholarship, it is proposed to alter the conditions under which the exhibition can be held. Mr. Hills commented on the success of the School, which is quite full, students having been refused. Mr. Neathercoat reported on the divisional meeting of members at Spalding, which was a success in every way. Mr. Gifford thought the Organising Committee should have been informed on the matter, and stated that the committee has not met once this year. Mr. White presented a report regarding an interview with Deputy-Warden MacMahon on the question of chemists' scales. This was to the same effect as the interview reported in the *C. & D.* the previous week. The new Boards of Examiners appointed included Mr. F. W. Gulliver, Mr. E. S. Peck, and Mr. R. Wright for England and Wales, and Mr. Boa for the Scottish Board. Complaints were made as to the apathy of local associations regarding nominations for divisional secretaries. "The need for organisation has not passed away by any means," said Mr. Harrison. The President announced that he had arranged for the Council to receive a deputation of chemists on the poison licence question that afternoon. A long report has been received on the same matter from Mr. Rutherford Hill; this is to be summarised and discussed at the December meeting.

The Councillors present were Mr. J. F. Harrington (President), Mr. Walter Hills (Treasurer), Mr. C. B. Allen, Mr. A. S. Campkin, Mr. W. G. Cross, Mr. J. H. Cuff, Mr. F. J. Gibson, Mr. W. H. Gibson, Mr. R. L. Gifford, Mr. D. Gilmour, Mr. A. Hagon, Mr. J. Harrison, Mr. A. E. Hobbs, Mr. E. T. Neathercoat, Mr. P. F. Rowsell, Mr. E. White, and Mr. J. R. Young. In the absence of Mr. Currie, through illness, Mr. Walter Hills occupied the vice-chair.

The PRESIDENT announced that letters of thanks had been received from Mrs. Ekin and Mrs. Gostling in reply to the condolences of the Council.

ELECTIONS AND RESTORATIONS.

Ten members and four student-associates were elected, and four persons were restored to their former positions in the Society. Ten names were restored to the register of chemists and druggists.

FINANCE.

Mr. W. H. GIBSON presented the report of the Finance Committee, which was as follows:

<i>Receipts.</i>			
Penalties and costs	...	...	£56 11 4
Subscriptions	...	...	91 7 0
"Journal" and publications	...	...	338 2 1
Restoration fees	...	...	5 5 0
Registration-fees	...	...	65 2 0
School-fees	...	...	1,607 8 0
Ground-rents	...	...	36 9 10
			£2,200 5 3

which, with the balance from last month, made a total of 2,300*l*. 16*s*. 5*d.*, from which the following amounts were recommended for payment:

On behalf of "Journal" and publications	...	...	£503 14 4
Stationery, etc.	...	...	55 0 7
Current expenses	...	...	350 0 0
Salaries, etc.	...	...	271 13 4
School and examinations	...	...	346 6 10
Law-charges	...	...	58 14 8
House	...	...	266 10 3
Library	...	...	4 0 9
			£1,856 0 9

The balances on the Benevolent Fund accounts were as follows:

Current account	...	...	£286 16 8
Donation account	...	...	72 15 1
Orphan Fund	...	...	16 16 4

Mr. GIBSON said that a donation of 50*l*. had been received from Mrs. Mary Yates, and subscriptions of ten guineas from the committee of the Junior Pharmacy Ball, five guineas from the British Drug Houses, and four guineas from the Leeds Association. Mr. Gibson said the committee approved of the recommendation of the Library Committee to purchase two balances and two fire extinguishers for use in the School.

The report was adopted.

BENEVOLENCE.

After a consideration, *in camera*, of the report of the Benevolent Fund Committee,

Mr. CAMPKIN moved the adoption of the report. He said there is a balance of 268*l*. on the Benevolent Fund, and that the payment of annuities due before the end of the year will take 400*l*. The committee on the previous day had voted 182*l*. in grants, the applicants for relief including eleven widows of registered chemists and six chemists. A special issue of the "Journal," of which 2,500 copies were sent to persons not connected with the Society, had not brought a large response, but the Fund has received over 200*l*. during the month. Mr. Campkin went on to refer to some remarks said to have been made by Mr. Jones, of Hanley, and stated that it is not in contemplation to reduce the amount of the annuities.

The report was adopted.

Mr. Cross moved that the Treasurer be authorised to pay to the London Orphan Asylum a sum not exceeding 30*l*. from the Orphan Fund for the support of Herbert L. Lowther.

LIBRARY COMMITTEE.

Mr. WHITE presented the report of the Library, Museum, School, and House Committee, which contained the following items: Messrs. Parkinson's account for 51*l*. 2*s*. 3*d.*, for work done during the past three months, was approved of, and also Mr. Nettley's account for 24*l*. 7*s*. 8*d.*. An estimate of 35*l*. for repairs to the skylights and ventilators was recommended for acceptance. The Dean reported that the School is quite full, and that he had had to refuse several applications for admission. Professor Crossley informed the committee that new bottles at a cost of 65*l*. had been presented by old scholars towards refitting the new laboratory. The Dean submitted to the committee a communication from the Royal Commission on University Education in London, asking for particulars as to the value of the Society's property and endowments. The reply is to be drawn up by the Dean. Professor Crossley, and the Secretary. Alterations in the lighting-arrangements of the laboratories were sanctioned, and the purchase of new balances and fire extinguishers approved of. An application was received from the Manchester scholar for permission to utilise the balance of 6*l*. 1*s*. of his scholarship, after paying fees, for the purchase of books, etc., and the committee decided to accede to his request. The committee then considered the advisability of amending the conditions relating to the Manchester Scholarship so as to bring them in accord with those relating to the Jacob Bell Scholarships as to a scholar holding the scholarship after passing the Minor examination. This was generally approved by the committee, and the actual wording of the regulations was left to the Chairman and the Secretary, to be submitted to the committee at its next meeting. Mr. Parker, Ironbridge, was given permission to exhibit at the evening meeting of the Society a set of weights and measures of a new system.

The TREASURER referred to the prosperous condition of the School, and said he understood that some of the benches are engaged for twelve months ahead. He thought the thanks of the Council were due to Professor Crossley for his assistance in bringing the new laboratory to its present

state of perfection. He had acted as a sort of expert clerk of the works, and his advice had been of the greatest value.

Mr. YOUNG: We must remember that the scheme of remodelling is largely due to the persistency and foresight of the Treasurer. (Hear, hear.)

The report was adopted.

EXAMINATION REPORT.

The REGISTRAR presented the report of the examiners in Edinburgh, which showed that of sixty-three candidates at the October Minor thirty passed.

APPRENTICES REGISTERED.

The REGISTRAR also reported that he had placed the names of thirty persons on the register of apprentices or students.

DISTRICT MEETING.

Mr. NEATHERCOAT reported on the district meeting of members of the Society held recently at Spalding. It was, he said, a success in every way, and although those present were loyal to the interests of the Society, this did not prevent a little justifiable criticism. The policy of the Pharmaceutical Society was fully explained. He had also attended a meeting of the Bradford Association, and was convinced of the usefulness to the Society of such meetings. He hoped the Council would consider the advisability of extending these meetings so as to embrace the whole country.

ORGANISATION.

Mr. GIFFORD asked whether a report would be presented from the Organisation Committee.

The PRESIDENT replied that that committee had not met for a long time.

Mr. GIFFORD said he put his question because he saw it stated by Mr. Campkin that the meeting was under the auspices of the Organisation Committee. He was not aware that the committee had met this year.

The PRESIDENT explained that the meeting entailed no expense to the Society, the Councillors who went paying their own expenses.

Mr. CAMPKIN said he did not recollect making any reference to the Organisation Committee.

Mr. GIFFORD: I should like to say that I mean no reflection on the members of the Council who attended the meeting: I only suggest that the system of the Society is not absolutely perfect. (Laughter.)

EXAMINERS APPOINTED.

The recommendations of the committee appointed to consider the constitution of the Board of Examiners for 1910 were that the retiring examiners, Messrs. Farr, Finnemore, and Goldby, be replaced by Messrs. Gulliver, Peck, and Wright. Mr. Finnemore was appointed to assist when necessary. These were approved of, as also were the recommendations of the North British Executive, Mr. Peter Boa being the new member of the Scottish Board of Examiners. The approximate dates of the examinations in 1910 were arranged.

SCALES-REGULATIONS.

Mr. WHITE reported on an interview, on October 15, with the Deputy-Warden of the Standards regarding the new scales-regulations. Major MacMahon explained that the object in view when the regulations were drafted was to provide that the sensitiveness and accuracy of weighing-instruments should be regulated in accordance with the value and importance of the substances to be weighed; in other words, the intention is not that certain classes of traders shall be compelled in every instance to use scales of a given degree of sensitiveness and accuracy, but that special classes of goods shall only be weighed upon scales of a particular character. Thus, the stipulation that weighing-instruments used in the trade of retail chemists or druggists shall, at least, satisfy the requirements for Class B instruments is not intended to apply especially to persons registered under the Pharmacy Acts, but is intended rather to compel the use of instruments satisfying the requirements of Class B when drugs and medicinal chemicals are sold by any retailer of such articles. It follows that retail chemists or druggists are not compelled to use Class B instruments for weighing such articles as linseed, beeswax, borax, etc.; for this purpose ordinary counter machines (of a lesser degree of sensitiveness than either Class B or Class C instruments) may be used, but

the onus is thrown upon the seller of satisfying inspectors of weights and measures that these counter-machines are never used for weighing substances which ought to be weighed upon more sensitive instruments. As regards the pattern of weighing-instruments, it is incorrect to assume that only beam-scales may be used in the trade of retail chemists or druggists for the sale of drugs, chemicals, and other articles retailed for medicinal purposes, since box-scales of French or other type may also be used, provided they satisfy the requirements for Class B instruments. With regard to French box-scales, in particular, while there is no doubt that many existing machines of that type cannot be made to satisfy the requirements for Class B instruments, Major MacMahon stated that such machines of the French type as did satisfy the requirements would be passed, and he added that he understood it was now possible to obtain French box-scales of the necessary degree of sensitiveness and accuracy. The Deputy-Warden also paid tribute to the care with which chemists and druggists treat their scales by saying that, as a class, they gave no trouble to the officers in his Department.

DIVISIONAL OFFICERS.

This was part of the report of the Parliamentary and General Purposes Committee, which also dealt with the appointment of divisional secretaries. The Secretary reported that of ninety-six associations communicated with and invited to make nominations, only thirty-eight had replied. Many divisional secretaries had also failed to answer the office letters. In these circumstances it was recommended that the appointments be deferred till the next meeting of the Council. The committee also discussed the question of the administration of Section 2 of the Poisons and Pharmacy Act.

Mr. HARRISON thought that chemists were indebted to Mr. White for his report, which would allay the anxiety of members regarding the effect of the new regulations. Referring to the apathy of members as to the appointment of divisional secretaries, Mr. Harrison said the present is no time for apathy: the need for organisation has not passed away. Chemists must hold themselves in a high state of preparation for anything that arises. There may be a General Election in the coming year and Parliamentary candidates to interview.

Mr. ROWSELL said it is satisfactory to know that French box-scales of the necessary sensitiveness can be obtained to comply with the scales-regulations. This pattern of scales is much more useful than others.

Mr. GIFFORD added that there was no reference to action in regard to poison-licences.

Mr. HAGON said that scales tested in chemists' own shops are allowed a larger error than those sent to the office of the inspector of weights and measures. It is therefore best to wait till that official calls.

Mr. YOUNG: The better way would be to put the scales in good condition, not to wait to get them condemned.

Mr. HOBBS complained of the want of interest on the part of local associations and divisional secretaries. These could be kept in touch by some system of monthly reports.

Mr. GILMOUR said the organisation is complete in Scotland. (Laughter.)

Mr. HOBBS confessed that he was speaking parochially, and did not refer to Scotland.

POISON-LICENCES.

The PRESIDENT reported that he had arranged for a deputation of chemists from Westmoreland and Cumberland to wait on the Council that afternoon. The request for an interview came too late for the last Council-meeting.

A long report was received from the Executive of the North British Branch regarding the granting of poison-licences in Scotland. It was arranged to send the report to the Law Committee, and to make a *résumé* for circulation among the Councillors.

Mr. GIFFORD objected to the proposal, which would still further delay action in regard to the poison-licence scandal.

The PRESIDENT explained that the report was only received on the previous day, and it had been quite impossible to consider such a long report at once.

Mr. GILMOUR recommended the report to the careful consideration of the Council. It has been drawn up very

carefully, but it would not be possible to discuss it until it has been well digested. The report discloses glaring breaches in the law, not only in the spirit but in the letter. Hundreds of licences have been granted without any reason being assigned, and specific information of that kind is needed before the Law Committee can proceed. Mr. Gilman then gave as an instance the state of affairs in his own town (Dunfermline), and asked, When can the reasonable requirements of the public be said to be satisfied? In that town the chemists had not to prepare themselves for the sale of agricultural and horticultural poisons, but had all along been seedsmen. Is the weakness of which chemists complain due to the Act or to the men who administer it? Interviewing the Provost, he was told that the Act is a weak one in that while telling authorities to obtain certain information they are not told to act upon it. The town Treasurer also stated that the Act is weak, as it gives no guidance as to what may be considered the reasonable requirements of the public, and he (the Treasurer) did not feel called upon to take the responsibility. The senior Bailie, on the other hand, said they must have free trade in poison. That is a distinct issue. These cases show that there is weakness both in men and the Act. If there could be an appeal to the Sheriff, many of these wrongs would be put right. He considered it also a serious matter to have concealed the principle that it is safe to sell poison in sealed packages.

Mr. Rowsell said that the granting of poison licences was a subject he had at heart, and he hoped the Council would give careful consideration to the report.

The President said it would be discussed at the next meeting. He added that he hoped chemists would not run away with the idea that nothing is being done; on the contrary, the matter is receiving serious attention.

Mr. Garrod: That is queried.

Mr. Young: Only by yours self.

RAILWAY RATES.

The London Chamber of Commerce submitted copies of a memorial to the Associated Railway Companies urging a reclassification of drugs and chemicals carried by rail, and asked for the co-operation of the Society in obtaining signatures.

Mr. Allen moved that the President sign the memorial on behalf of the Council.

Mr. Rowsell seconded this.

Mr. Harrison questioned whether the wording of the memorial did not preclude signing in a corporate capacity.

Eventually it was agreed that all the members of the Council should sign.

CORRESPONDENCE.

Letters were received regarding poison licences from the chemists of Kendal, the Cumberland and Westmorland and the Oldham Chemists' Associations, which were referred to the Law Committee.

The Scotch Education Department sent their report for 1909 on the Leaving Certificate examination.

The Women Pharmacists' Association thanked the Council for the use of the lecture theatre on October 8.

The Salters' Company approved of the nomination of Mr. Charles Gilling as Salters' Research Fellow.

The Guildford Association urged the Society to take action to secure the amendment of the scales regulations.

The Colonial Office forwarded a copy of an Act for amending the Medical, Dental, and Pharmacy Ordinance of the Transvaal. This, said the SECRETARY, contains nothing of interest to the Council.

The organisers of the Congrès International de Pharmacie invited the concurrence of the members in the Congress which is to be held in Brussels in September, 1910. This letter was sent to the Library Committee for observations.

The National Union of Assistant Pharmacists forwarded a resolution on the Shop Hours Bill.

The North British Executive sent a report of their meeting of October 22.

The Barnsley Association suggested that the Society should send an officer to visit each association every year. This was sent to the Parliamentary Committee, as the Organisation Committee does not meet very often.

This ended the public business.

Apothecaries' Assistants.

A MEETING, convened by the Association of Certificated Dispensers, was held in the Apothecaries' Society's Hall, Blackfriars, on Monday evening, November 1, to consider what action should be taken in regard to the Pharmaceutical Council's delay in promulgating by-laws to give effect to Section 4 of the Poisons and Pharmacy Act. Over 100 dispensers were present, and Mr. Montagu G. Smith presided, being supported by the leading officers of the Association, Mr. Mowbray Upton, Clerk to the Society of Apothecaries, and Dr. F. Sherman Toogood.—The Secretary, Mr. Albert Howell, read the notice calling the meeting, embodying the resolution referred to, which was in the following terms:

That this meeting desires to express its regret that the Pharmaceutical Society has not yet taken any effective step to make by-laws under the powers conferred by Section 4 of the Pharmacy Act, 1908, relative to the registration of those holding the Assistants' Certificate and others as Pharmaceutical Chemists, and respectfully begs the Society of Apothecaries to use its best endeavours to see that the intention of the Legislature in this respect is carried out without further delay.

Mr. Trayner moved the resolution in a brief speech and Mr. Hickman (Strand Union) seconded it.

Mr. Mowbray Upton, in supporting the motion, remarked that what he said was not to be regarded as in any sense official. He was not there to speak as a servant or as Clerk of the Society of Apothecaries. Nor would anything he said bind that Society. He was there simply in his capacity as a private citizen. They were present to register a dignified, a very real, protest against the action—or, rather, inaction—of the Pharmaceutical Society in dealing with, he might almost say in refusing to put into force, the powers which had been conferred upon them by the Poisons and Pharmacy Act, 1908. He recalled the fact that the Society of Apothecaries had in the early summer forwarded a formal application to the Pharmaceutical Society, urging upon it the desirability of passing the necessary by-laws for the admission of apothecaries' assistants to the register of chemists and druggists. He believed he was betraying no secret when he said that even at an earlier period the War Office, on behalf of the Army compounders, forwarded a similar application. Pressure had been used, questions had been asked, he believed, in both Houses of Parliament, certainly in the Lower House, but without effect. The wise men of Bloomsbury Square were still sitting upon those applications, like a hen upon a nest of eggs, in the hope that they would become stale and addled by long waiting. But if they thought this, they were very much mistaken. (Hear, hear, and applause.) He could quite understand and appreciate that an application of the nature to which he had referred required time for consideration, but whether it required all the time and consideration which, apparently, had been given to it he very much doubted. While he desired to throw no doubt upon the *bona fides* of the Pharmaceutical Society, he was confronted with a document which filled him with the most profound misgivings. Mr. Upton then referred to the official notes and announcements of the Pharmaceutical Society as published in the "Pharmaceutical Journal" of July 31, and quoted from them the following extract:

The new Act, which gives to the Pharmaceutical Society the power to make by-laws for the admission of certain persons without examination, may possibly not be exercised, or, if it be exercised, it will certainly not be likely that any person will be admitted to the Register who cannot produce evidence of as high a degree of technical and scientific training as the ordinary successful candidate for the Minor or Qualifying examination. It must not be forgotten that it is the Society which has to make the by-law and not the Council, and that the sanction of the Privy Council is necessary before any by-law can become effective. It is inconceivable that the Privy Council would ever sanction a by-law which in effect lowered the standard of technical and scientific education required for carrying on the semi-professional business of a chemist and druggist. At any rate, it is well that persons who are contemplating an early formulation of by-laws to enable them to avoid the Minor examination should realise that their waiting may be futile and their patience wasted.

I cannot condemn too strongly a body which can dare to issue a pamphlet, an official announcement, of this kind (Mr. Upton went on to say, indignantly throwing down on the table the paper from which he quoted), when it has before it a formal application not only from his Majesty's War Office on behalf of the Army compounders, and from this Society on behalf of the dispensers. I call it an attempt to poison the wells, to prejudge the question. (Applause.) Ladies and gentlemen, after reading that, what conclusion am I forced to? Coupling that declaration put forward by official authority with the studied easiness of the Pharmaceutical Council, we are forced to the conclusion that it is their intention, by delays, and by casting difficulties in our way, to balk the legitimate aspirations of the dispensers of this Society. If I am wrong, let the Pharmaceutical Society give me their answer and pass their by-laws. (Applause.) It may be objected to me that the Pharmaceutical Society is, by the terms of the Act, under no compulsion to pass these by-laws to admit the dispenser to the Register—that the powers which are conferred upon them are simply discretionary. This is no doubt so in the terms and words of the Act, but it certainly is not so in fact. This clause, this section inserted in the Act, is what the lawyers call an enabling clause. It is a clause inserted, I may tell you, into the Act at the very direct suggestion of the War Office and of this Society of Apothecaries, to enable the Pharmaceutical Society to do something which it could not do before. Do you think, when the Legislature directly inserts an enabling clause of this kind, that it means that the Pharmaceutical Society is to take no notice whatever? Ladies and gentlemen, this is a hint which is given to the Pharmaceutical Society to carry out the intentions of the Legislature by passing these by-laws and admit the assistants of this Society. I venture to tell you that if the Pharmaceutical Society cannot find their way to mend their ways by making these by-laws, then you and I must show them the way, and I venture to say we shall find a way, to use the language of an eminent statesman, by which to ginger them. (Laughter and applause.) Mr. Upton proceeded to speak of the yelping of certain obscure bodies of persons who have sent objections to the Pharmaceutical Council as to the addition of apothecaries' assistants to the Register, and pointed out that under no circumstances would the number be very excessive. He thought the Pharmaceutical Society might disregard "the barking at their heels." Proceeding, he said:

"Ladies and gentlemen, the time shall come when we shall not have to go to any alien body for our rights. We shall get them for ourselves. I believe—it is my firm opinion, in fact—that the dispenser of this Society is, or should be at any rate, the sole representative of what I should call scientific dispensing. The chemist and druggist has, unfortunately and from circumstances for which he is not responsible, developed into a vendor of all sorts of things—scent-bottles, silver-backed brushes, sponges, photographic apparatus—I do not know all, almost anything in the world except medicine. (Laughter and applause.) But I look, and look with confidence, to holders of this Society's diploma maintaining the pristine purity, power, and dignity associated with the skilful and artistic dispensing of drugs—(applause)—work second only, if I may say so, to that of the medical men who prescribe them. I look to the holders of this diploma, to this Association—and I have not the slightest doubt they will do so—to win their place on the Register of chemists and druggists, and that they will merely regard this as the first step in the advance which we must make towards a perfect recognition of our rights and claims and dignity. (Applause.) I believe, ladies and gentlemen, there is a great future before this Association of dispensers, before the holders of the certificate, if they will only organise themselves together, and keep on, *Oliver Twist* like, asking for more. And when they have got more they must not be content. We must begin from the start, we must begin with our examination. We must improve that. (Applause.) We must strengthen it. We must go further if necessary. We must get further statutory power, establishing, if you will, a Register, procuring a proper title, obtaining a Council with proper power such as a body as our own demands and has a right to look for." (Applause.)

Dr. F. Sherman Toogood, as hon. counsel to the Association, also spoke. He contrasted the qualifications of registered chemists' and of apothecaries' assistants to the advantage of the latter, especially in regard to the number

of prescriptions which could be dispensed in an hour. Speaking directly to the subject of the motion, he expressed the belief that the movement would succeed, and hoped they would take some further step towards having for themselves an independent Register and authority. (Applause.) They were not asking for anything more than they originally possessed. Originally they were the only pharmacists. It was one of those periods of social decay, such as the apprenticeship system was now undergoing, which allowed their diploma to fall into disuse, and enabled the Pharmaceutical Society to occupy the position which was rightfully theirs.

Mr. Frederic Bullen entered a protest against the adoption of the resolution, and said that, if he were permitted, he proposed to move an amendment.

The Chairman: Are you a member of the Association?

Mr. Bullen: I am not, but I am a holder of the Apothecaries' Hall certificate and a member of the Pharmaceutical Society.

The Chairman intimated that he could not allow Mr. Bullen to move an amendment, but would permit him to speak to the resolution.

Mr. Bullen then outlined the pharmaceutical position in a forcible speech, and was followed by Mr. Smith, who supported the motion, and Mr. Udale, who, as a pharmaceutical chemist, opposed it, describing it as an attempt on the part of the Dispensers' Association to hit the pharmaceutical chemist below the belt. To this warm protest Mr. Trayner briefly replied; then Mr. Gardner put in a diplomatic speech, in which he denied that most of the public appointments are held by apothecaries' assistants. He said: "I have been for three years Chairman of the Public Dispensers' Association, and during that time have been in touch with all the largest hospitals in London. If I had known that this point would have cropped up, I would have brought documentary evidence from the Secretaries of these hospitals to prove that they employ none but registered chemists. I do not say anything against the Hall qualification; it may be all right. I would only touch on the question of fairness. Is it fair that the little dog should go and grab the big dog's bone?"

The motion was then put to the meeting and carried.

Drug Stores Association.

THE annual meeting of the Drug Stores Association of Great Britain was held at the Mitre Hotel, Manchester, on Thursday, October 28, Mr. Walter Huntrods in the chair. The following were also present:

Messrs. R. W. Barnett, J. Bedford, A. Kirkman, A. Farley, Geo. Childe, J. Escrett, J. J. Chambers, A. Wadsworth, and W. Atkinson, of Leeds; C. H. Hassall, of Farnworth; Jas. Rutter and E. B. Newton, of Winsford; W. L. N. Woods and R. L. Smith, of Liverpool; E. Walters, of London; J. S. Simpson, A. O. Balshaw, J. G. Tomlinson, and W. Clapham, of Manchester; M. Chambers, C. E. Donelby, Chas. Crane, and T. Stephenson, of Bolton; R. Hunt, A. Hooley, and C. Manfull, of Nottingham; S. Lewis, of Openshaw; C. Crompton, of Bury; and A. Dobson (Gen. Sec.). A number of apologies for absence were intimated.

ANNUAL REPORTS.

The Secretary submitted the accounts certified by the auditor (Mr. H. Bedford), which were passed and approved.—The Treasurer (Mr. J. B. Clarkson) presented the balance-sheet, which, he said, was the most satisfactory during his term of office. It showed a balance in the bank of 64*l.* 5*s.* 8*d.* He believed that with the future prospects of an increased membership they would be in a much better position next year.—The Secretary gave an outline of the work of the Association during the past year, and of the policy of organisation to be pursued in the coming year, which were discussed by the meeting. He stated that the only persons eligible for membership are drug-store proprietors who had served a *bonâ-fide* apprenticeship to a registered chemist or apothecary, or as dispensers to surgeons, or in the Army and Navy.

A discussion then took place on the membership of the Association, and it was resolved that in future the Secretary should report to the Council twice a year on those who did not pay up.

Mr. Huntrods then delivered his

PRESIDENTIAL ADDRESS.

In this he first referred to the Poisons and Pharmacy Act, 1908, saying that up to the present it has had very little effect on the business of the unregistered chemist, but he expected that the Pharmaceutical Society would make an attempt to crush out the unregistered chemist for the benefit of the registered. He regretted that the Pharmaceutical Society continues to draw [for infringements of the Act] something like 1,000*l.* per annum from the retailers throughout the country, the majority of whom pay on demand. Mention was made of three cases affecting the members dealt with during the year. In the first case the un-English methods of the Pharmaceutical Society were brought to the notice of the judge. He deferred judgment until he made inquiries. In the second case the Pharmaceutical Society took proceedings under the Merchandise-marks Act. The hollowness of this prosecution was brought to the notice of the Magistrates, with the result that only a small fine was inflicted, and the principal witnesses' costs were disallowed. The third case was a demand for 10*l.* from one of the members on meagre information, and the D.S.A. wrote to the prosecutors in such a manner as almost to goad them into action, but they let the case drop. "This is not," said Mr. Huntrods, "the first case of the kind. The lesson we can deduce from these cases is that we ought as a trade to be thoroughly united and to be in a position to take up cudgels with the Pharmaceutical Society. I am not without hope that the day is near at hand when we shall be able to prove that the administration of the Pharmacy Act should be in the hands of an independent authority. These cases will help us, and eventually it will be a case of the biter being bit." Mr. Huntrods next discussed the granting of licences for the sale of agricultural and horticultural poisons, and expressed the opinion that the percentage of accidental and suicidal deaths would be considerably less under the new conditions, adding:

"The pity of it is that we as a class who have spent the whole of our lives in the trade and have illegally conducted thousands of sales in our capacity as apprentices, assistants, or managers, have not received due consideration. I am afraid that not only the registered but the unregistered chemist also will regret ere long that the Pharmaceutical Society did not bring about a similar condition as exists in Ireland, because now that these new poison-sellers are licensed they will not be long in adding veterinary medicines to their stock, to the detriment of both classes of chemists. We cannot disguise the fact that during the passage of the Poisons Bill we missed a golden opportunity of gaining official recognition."

Mr. Huntrods elaborated this statement by showing what the Association had done during the year, such as writing 2,910 letters, Council meetings, interviewing members of Parliament, and other work which, with the exception of the Secretary's salary, is carried out by the Council voluntarily. He next referred to "Secret Remedies," remarking on the absence of P.A.T.A. articles from it, the chief exceptions being Daisy and Kaputine.

"We have formulae of Beecham's and Bile Beans, but no Cockle's or Scott's; Blair's pills, but no Eade's; Zambuk, but no Holloway's ointment; Gloria Tonic, but no Phospherino; Owbridge's, but no C. B. Chlorodyne. This list is a remarkable one, and will no doubt as a trade do us some good, but one cannot help expressing the opinion that the attitude of attempting to undermine business in which the proprietors have devoted their lifelong service, invested their capital, and built up a perfectly legitimate business is a mean, despicable action unworthy of any honourable society. Since the 1882 decision we have year by year approached proprietors of medicines containing a scheduled poison, setting before them certain facts and figures with a view to inducing them to omit the poison. One by one the proprietors have given way until now the number of poisonous proprietaries having a good demand is reduced to a minimum. Our greatest acquisition up to two years ago was Fennings' Fever Cure. You will be pleased to know that we have succeeded in inducing the proprietors of an equally well-known medicine to withdraw the poison. Next week you will be able to order Winslow's Syrup which will be henceforth free from poison." (Loud applause.)

The President then gave a detailed account of the work carried out during the year. Mr. J. H. Barnett, the senior

Vice-President, took the chair while the President's address was discussed, and gave members present the opportunity of electing a President for the year and transferring the power of influence to either Manchester or any other town. There being no response, Mr. Barnett said he thought they had acted wisely. The President was unanimously re-elected, together with the whole of the officers and Secretary.

Discussion followed on such matters as Inland Revenue, Parliamentary, issuing of certificates, incorporation, and examinations. Mr. Hunt gave a report on the work and organisation of the Nottingham branch. Mr. Smith, of Liverpool, Mr. Crompton, of Bury, and Mr. Chambers, of Bolton, also submitted reports.

Agri-Horticultural Poisons.

Notices of Application

for licences under Section 2 of the Poisons and Pharmacy Act have been lodged with the local authorities named.

BEXLEY HEATH.—A. Parris & Sons, nurserymen.

Consideration of Applications.

DUBLIN.—A deputation from the Pharmaceutical Society of Ireland, consisting of the President (Mr. John Smith), Mr. W. F. Wells, Dr. J. A. Walsh, and Mr. D. M. Watson, waited on the Corporation on November 1. Mr. Wells, who acted as spokesman, outlined the origin of the Pharmacy Acts and their amendments, and pointed out the non-necessity for poison-licences in Dublin, giving parallel lists of addresses of seedsmen and chemists. He mentioned that a hundred chemists carried on business within the city boundaries, of whom a number were agricultural and horticultural druggists. The Pharmacy Acts are primarily to safeguard the public, and the chemist is required thereby to undergo a searching qualifying examination. The Council were asked to issue licences to persons who were not educated in any way to handle poisonous substances. The only reason for which the seedsmen made applications was to bring grist to the mill. The Corporation were strong in regard to everything of Irish manufacture, yet they were asked for licences to sell preparations manufactured in England. Many Irish chemists made their own insecticides and sheep-dips, and the issue of licences would not be fair to them. After the deputation had withdrawn, the matter came before the Council for decision. The discussion was characterised by plentiful lack of knowledge of the law regulating the sale of poisons. One member based his plea for the seedsmen on the ground that chemists were "blood-suckers who charged 2*s.* 6*d.* for a bottle of coloured water." The Council decided to delegate the duties under the Act to the Public Health Committee, with permission to grant licences, by twenty-two votes to sixteen. The Public Health Committee will probably deal with the matter on November 16.

MIDDLESEX.—The County Council on October 28 adopted by thirty-five votes to twenty-five the recommendation of the General Purposes Committee to grant four applications (C. & D., October 30, Col. Supp.). Mr. Wild urged that the Council should be exceedingly careful in their movements, and he held that the Act was never intended to apply in the way the Council was using it. Chemists could supply weed-killers, the nature of their calling being to sell such materials. Alderman Wright, the Chairman of the committee, said the committee might have gone slightly outside the limits laid down under the Act upon this occasion, but they found abundant evidence that nurserymen were the people applied to for information as to the best weed and pest exterminators, and it was on this evidence that the decision was based. A motion to refer the report back for re-consideration, on the ground of several chemists being in business in the immediate vicinity of two of the applicants, was not carried.

READING.—The Town Council on October 28 received the report of the Watch Committee, which recommended that the decision of the Council not to grant the applications be rescinded, as the reasonable requirements of the district were not satisfied. A motion disapproving of the recommendation was rejected by nineteen votes to five. All the applications were granted.

Applications Granted.

SUFFOLK.—The application of Mr. E. W. O'Dell, of Leiston, was granted by the East Suffolk County Council on November 2. Mr. G. J. Gostling, chemist and druggist, Stowmarket, made an emphatic protest against a licence being issued, adding that in the last suicidal case at Stowmarket one of the poisonous preparations in question was used.

Winter Session of Chemists' Associations.

Association Presidents.

We present to-day a portrait of the President of the Plymouth, Devonport, Stonehouse and District Association of Pharmacists, Mr. William Condry U'Ren. Mr. U'Ren was apprenticed to Mr. R. F. Roper, of Plymouth, and passed the Minor examination in December 1887. He continued his experience as assistant until 1891, then purchased his present business at 55 Co-pourge Street, Plymouth.



MR. W. C. U'REN.

When the Association was started two years later, he became a member, and at once began to take an active part in its affairs. He has been Treasurer of the General Section and Treasurer, Secretary, and Chairman of the Trade Section of the Association.

When the British Pharmaceutical Conference visited Plymouth in 1899, Mr. U'Ren was a member of the Local Executive Committee, and one of the hardest and quietest workers for the comfort and enjoyment of the visitors. He has repeatedly refused the Presidency of the Association, but his *confrères* have at last succeeded in persuading him to take up the position.

Brief Records.

Ipswich Chemists' Association.—The second general meeting was held on October 27, Mr. S. R. Anness (President) in the chair. Mr. J. C. Wiggan was appointed Vice-President. The rules drawn up by the committee were approved.—We are asked to state that the committee are most anxious that all chemists in the district shall become members of this Association. Mr. A. Matcham, St. Helen's Street, Ipswich, is the Hon. Secretary.

Tunbridge Wells Pharmacists' Association.—A meeting was held at 33 Mount Pleasant on Tuesday, October 26, Mr. J. H. Bishop (President) in the chair. Messrs. Hobbs, Webb, Harden, Phillips, Gale, Batting, Godkin, and Nicholson were also present. After the usual formal business had been despatched, copies of a memorial received from the Chamber of Commerce to the Associated Railway Companies were distributed. It was decided to have a supper early in the New Year.

Lancaster Traders.—A meeting organised by the Lancaster Chemists' Association was held at the King's Arms Hotel, Lancaster, on November 3. Mr. W. Arkle, chemist, presiding, to discuss the advisability of forming a traders' association for Lancaster. Mr. J. B. Shattock, chemist, who represented his Association at the Conference of the National Chamber of Trade, explained the working of the Chamber, and it was decided to approach the Lancaster Chamber of Commerce with a view to enable arrangements to be made to secure smooth working and no overlapping.

Scarborough Association of Pharmacists.—The annual meeting was held at Mr. Parker's, 29 Ramhill Road, on Thursday evening, October 28, Mr. G. Whitfield (President) in the chair. Messrs. Cross, J. W. Chapman, E. M. Chapman, Eyre, Parker, Meadley, Hill, Hunt, Newton, Kelsey, Longdin, and Senior (Hon. Secretary) were also present. The Secretary read the minutes of the September meeting and also the financial report. The latter disclosed a satisfactory balance to the credit of the Association. The office-bearers for the ensuing year were elected as follows: President, Mr. Edward Parker; Vice-President, Mr. G. Whitfield; committee, Messrs. E. R. Cross, E. M. Chapman, W. R. Eyre, and G. H. Mendley; Hon. Secretary and Treasurer, Mr. W. A. Senior. Much business was transacted before the meeting broke up at two o'clock on the Friday morning.

National Union of Assistant Pharmacists.—A meeting of the Birmingham Branch was held at the Carlton Café, Temple Street, on Thursday, October 28. The report of the General Executive meeting was read and put down for discussion at the November meeting. It was decided to hold a social evening on Wednesday, November 24, at Rodway's Rooms, Bristol Street.—The Newcastle-on-Tyne Branch met in the Union's rooms in Pilgrim Street on Monday, November 1, when Mr. Popham (President of the Branch) gave a

lecture on a holiday tour he made to the Rhine Valley some time ago. Rotterdam was reached by steamer from the Tyne, and among the cities visited were The Hague, Amsterdam, Wiesbaden, Cologne, Brussels, and Antwerp. Some beautiful slides were shown of the places visited, and most interesting legends of the old castles told. The next meeting will be held on December 6, when a botanical lecture will be given by Mr. Gregson.

Barnsley Chemists' Association.—The annual meeting was held at the Royal Hotel on Thursday, October 28, Mr. J. Jones (President) in the chair. The Secretary's annual report dealt with the events of the year, and, referring to the Poisons and Pharmacy Act, mentioned the Association's action in pointing out to the town and county authorities that sufficient facilities already exist in the district to meet the reasonable requirements of the community. The Treasurer's report showed a balance in hand of 8*l.* 11*s.* 8*d.* The reports were adopted, the Secretary and Treasurer being heartily thanked for their services during the year. The following officers were then elected: President, Mr. W. A. Bellamy; Vice-Presidents, Messrs. D. T. Jones and A. Wright; Secretary, Mr. J. Moxon; Treasurer, Mr. E. Nash; Delegates to the West Riding Federation, Messrs. Nash and Billington.

Teesside Chemists' Association.—Mr. J. C. Thompson presided at the annual meeting at Stockton on October 27. The secretary's report was read, and the treasurer reported a balance in hand of over 8*l.* The following officers were appointed: Mr. W. Finlayson, President; Mr. Lee, Vice-President; Mr. J. C. Thompson, Secretary of the Middlesbro' Section; Mr. Gregory, Stockton Secretary, with Mr. E. Gregory as Assistant; Mr. Brackenbury, Treasurer; and Mr. Ellison, Auditor. It was agreed to hold a special meeting of the Stockton Chemists with regard to the putting into force of the Shop Hours Act, the position of the chemists having been dormant in the Town Clerk's office for six months. A resolution to invite the qualified managers of company chemists in the district to become members was adopted. With regard to the proposed buying club, it was resolved to invite an expression of opinion from the West Hartlepool Association as to the success of the scheme worked by the latter Association.

Cheltenham Chemists' Association.—A meeting was held at 1 St. Luke's Road on Thursday, October 28, Mr. J. Fletcher (President) in the chair. Messrs. W. Barron, M. C. Mansbridge, J. A. Thomas, S. J. Coley, F. T. Palmer, T. Pattison, W. B. Chambers, A. Hill, H. B. Clark, W. H. Hampton, W. Minchin, C. H. James, T. H. Hawley, A. E. Lane, J. P. James, W. T. Slatter, W. Palmer, and W. H. Hill (Hon. Secretary) were also present. Mr. M. C. Mansbridge was recommended for reappointment as divisional secretary. The London Chamber of Commerce memorial to the Associated Railway Companies urging the necessity for a reclassification of drugs and chemicals for carriage by rail was considered and signed by the members. Mr. F. T. Palmer read a very interesting paper on "What is a Spider?" A collection of very fine lantern-slides was shown illustrating the various parts of the spider and the webs.—Mr. J. A. Thomas presented the Association with two enlarged photographs, one of the President and the other a group of members of the Association out on picnic.

Dewsbury Pharmacists' Association.—A meeting was held on Monday evening, November 1, Mr. R. Broadhead (Batley) presiding. Messrs. A. B. Barker and F. Mallinson (Heckmondwike), W. Blakley (Birstall), J. Rhodes (Mirfield), S. N. Pickard (Ossett), J. Day (Savilo Town), R. J. H. Day (Thornhill), R. Gledhill, G. N. Guttridge, and G. Walker, Secretary (Dewsbury) were also present. The Secretary read letters from the P.A.T.A. with reference to a recent discussion on "cutting" by a local co-operative society. The letters stated that the Council had instructed Mr. Glyn-Jones to arrange for a private meeting of the Dewsbury Association. In the course of the discussion which followed it was stated that the local co-operative society had been supplied with proprietary articles by a certain firm in direct contravention of the P.A.T.A. rules. It was agreed to hear Mr. Glyn-Jones on a date to be fixed.—Mr. Gledhill introduced the question of Parliamentary representation, and was followed by Mr. Pickard and Mr. Broadhead. The latter rather deprecated the high praise extended to Mr. Glyn-Jones. The conversation between the speakers was rather warm, and ultimately a motion was agreed to supporting the principle of direct Parliamentary representation, without reference to Mr.

Glyn-Jones's name in this connection in deference to Mr. Broadhead's objections.

Public Pharmacists' and Dispensers' Association.—The opening meeting of the winter session was held at St. Bride Institute, E.C., on October 23. Mr. R. W. Lindsey, F.C.S., presiding, and among those present were Messrs. Udale, Miller, Welford, M. Evans, Elias, Gardner, and S. H. Leadbeater (Hon. Secretary). The chief business of the meeting was a paper on "Progressive Medicine and its Effect upon the Pharmacist," by Mr. T. Ashcroft Ellwood, M.R.C.S., L.R.C.P., in which he reviewed the various developments of medical science and treatment. He pointed out where, in his opinion, these developments widened the sphere of the pharmacist, who, he contended, as a former pharmacist, must be a man of high ability and training. He must keep himself informed, and be capable and ready, if required, to investigate and prepare many of those agents to procure which the present tendency is to go to certain special sources of supply. The vast field of antitoxin and vaccine treatment opens up, he said, great possibilities. The taking of radiographs, treatment by Finsen light, and other rays, radium, Faradism, etc., were instanced as properly coming within the knowledge and scope of the pharmacist. It is often impossible for the busy medical man himself to apply these remedies; but, desiring to use such treatment, he can often prescribe definitely as to situation, frequency of application, and so on, and the pharmacist is the person to whom the physician can naturally look as being best qualified to carry out his instructions with skill and intelligence. A better position of the pharmacist in relation to the medical profession is desirable. The ideal is that doctors should not dispense nor chemists prescribe. They are in distinct professions, though so closely associated. The instruction in pharmacy under the medical curriculum is small indeed compared with that received by the pharmacist, who, while faithfully performing his duties of carrying out the instructions of the prescriber, is able to suggest and advise on matters especially his own. Dr. Ellwood was very cordially thanked for his valuable paper. A new member was elected.

West Riding Federation.

THE ANNUAL MEETING of the West Riding Federation of the Chemists' Association was held at the Grand Restaurant, Leeds, on Tuesday evening, Nov. 2, Mr. F. Pilkington Sergeant (President) in the chair.

ANNUAL REPORT.—The Secretary (Mr. R. Broadhead) read this, which stated with regret that two associations, Bradford and Harrogate, had seceded. Events in connection with the Poisons and Pharmacy Act, 1903, were reviewed, and a word of warning was given as to its influence on the craft. A statement was presented which showed a balance in hand of 8*l.* 18*s.* The report and balance sheet were adopted.

OFFICERS ELECTED.—President, Mr. F. Pilkington Sergeant; Vice Presidents, Mr. W. H. Smithies and Mr. Pickard; Hon. Secretary and Treasurer, Mr. R. Broadhead.

OTHER BUSINESS.—Mr. J. H. Peacock reported on the work of the Formulary Committee, and a sub-committee was appointed to complete the Formulary for publication. Upon consideration of the question of poison licences, Mr. Broadhead stated that he had been in correspondence with the divisional secretaries in many parts of the West Riding on the matter. At Skipton he reported that one such licence had been opposed because the applicant had sent a man round to ask for certain commodities to all the chemists' shops, and had failed to get them everywhere.—Mr. Worfolk said that he had got assurances from the chemists of his district that they would keep all these poisons, but eventually it turned out that he was the only one who had stocked them. The President did not see that anything further could be done.—Mr. Pickard proposed that a protest should be sent to the Home Office against the indiscriminate granting of licences.—The President said the only thing that they could do was to let the thing work itself out, and presently many of the people who had got licences might find that, when they were forced to comply with the letter of the Act, the licences would not be worth having. Protests to the Home Office were simply passed on to the Board of Agriculture, who, having determined that horticultural dealers should have licences, whether chemists or not, simply treated such protests as waste paper. All they could do was to press the Pharmaceutical Council to insist on compliance with the letter of the Act.—The question of

Parliamentary representation was then discussed, but no action was taken in the matter.—It was resolved that the annual dinner should be held at Leeds.

Edinburgh Chemists', Assistants', and Apprentices' Association.

THE OPENING MEETING of the thirty-second session was held at 36 York Place, Edinburgh, on Wednesday evening, October 27, Mr. Edward J. Brown, Ph.C. (President), in the chair. Mr. Henry Stout (Hon. Sec.) read the report on the summer session, which had been very successful. Mr. J. Douglas Watson, 58c Morningside Drive, Edinburgh, was appointed Hon. Secretary, in room of Mr. Stout, who is leaving the town. In the absence of the donors, Mr. Peter Boa presented the Dick Botanical and the Dott Physics Prizes—the former to Miss Jeannie Livingston, Dunfermline (Squire's "Companion," "Pharmaceutical Pocket Book," and "Art of Dispensing"), and the latter to Mr. J. R. Hamilton, Edinburgh ("British Pharmacopœia," White's "Latin Dictionary," Pilley's "Analysis," and Perkin and Kipling's "Organic Chemistry").

Mr. Brown then delivered his presidential address, taking

ENZYMES

as his subject. In the course of it he made the following remarks:

Fermentation, along with digestion, has been the subject of investigation for centuries. Hippocrates believed that digestion is a process of cooking effected by the heat of the stomach. In the time of Paracelsus the controller of digestion was believed to be a spirit centred in the stomach. Alcoholic fermentation was classed along with putrefaction, and none of the writers in the beginning of the fifteenth century who mention ferments give any idea of what was understood by the term. However, a new era was opened up by the researches of Pasteur, and amid the heat of controversy which raged between Liebig and Pasteur concerning the "Vitalistic Theory of Fermentation" formulated by the latter, a series of discoveries, including the isolation of non-living substances (diastase and pepsin) capable of setting up fermentation, threw new light upon the subject, leading to the modern conception that "Life is a series of fermentations." The old classification of ferments into organised and non-organised has broken down since Buchner extracted zymase from the yeast cell, and to-day the terms "ferment" and "enzyme" are used synonymously. Metchnikoff considers that in living tissue degeneration results from bacterial putrefaction of the fermentation, and he advocates the soured-milk treatment, which, by replacing the flora of the intestinal canal, is said to be the *sine qua non* for longevity.

To the question, "What is an enzyme?" all that can be said is, "It is highly complex in composition, and appears to be protein in nature," but more is known of its effects. An inactive form, known as proferments or zymogens, precedes the production of enzyme in the living cell, while a stimulation is necessary before its secretion takes place. Thus a secretion of the small intestine, named enterokinase, converts trypsinogen into the enzyme trypsin, and some workers consider enterokinase is also a ferment. In many cases dilute acids can change the zymogens into enzymes. Zymogens for nearly all the enzymes have now been established, and preparations of them, such as duodenal powder and liquor, are now used in medicine to stimulate pancreatic secretion. These preparations contain the active principle or secretin, belonging to a class of bodies termed hormones. A modern method of nomenclature is to affix "ase" to the root of the substance upon which the enzyme acts. The better-known enzymes are: Amylase (ptyalin, amyllopsin, diastase), which digests starch; lactase, maltase (glucose), sucrase (invertase, invertin), which hydrolyse milk sugar, maltose, and cane sugar respectively; amylgdalase (amylgase, emulsin) acts upon the glucoside amygdalin; sinigrase (myrosin) attacks the glucoside sinigrin; urease converts urea into ammonium carbonate; while acid proteinase (pepsin) and alkali proteinase (trypsin) digest proteins, breaking them down into proteoses and peptones. Caseinase (rennet, rennin) curdles milk; pectase acts upon pectin, forming vegetable jellies, and zymase induces alcoholic fermentation. Lipases (steapsin, pialyn) are fat-splitting enzymes. Under the name of oxidases are classed a large number of widely distributed individual enzymes which assist in the oxidation of various substances. The gelatinisation of tincture of kino and other tannin tinctures, the ropiness of mucilage of acacia, the various flavours and the odours which constitute the bouquet of different wines are attributed to such agents. At present the action of enzymes is generally accepted as chemical, since they show a distinct analogy to certain slow

chemical reactions. The action may be hydrolytic, adding one or more molecules of water, or autolytic, in effecting decomposition without the absorption of water. Further, the action may be oxidising, reducing, or coagulating. In addition to their catalytic nature, enzymes have a selective power, and there is good proof for believing that the latter is due to the complementary configuration of the reacting molecules of enzyme and affected substance. As Fischer says, enzyme and glucoside must fit each other like key and lock in order that one may exercise a chemical action on the other. That enzymes are catalytic agents has been confirmed from the interesting fact that the influence of finely divided platinum is in many cases analogous to that of enzymes; thus the fermentation of sugar can be effected by finely divided metals. Colloidal solutions or "sols" of platinum, gold, and silver are catalysts affected in the same manner as organic ferments by mineral salts and poisons. Enzyme actions are rarely if ever complete unless the products of the reactions are removed as formed. In other words, the reaction is reversible, being determined solely by the ordinary laws of chemical equilibrium. Enzymes are very sensitive to heat; the velocity of their action, which is slight at 0° C., gradually increases as the temperature rises until an optimum is reached, usually about 40° C.; beyond this it decreases. Modern investigation on the effect of heat points to a change of configuration of the molecule as exhibited by optically active chemical substances becoming optically inactive under the influence of heat. The metallic "sols" show similar behaviour towards heat. The presence of acids, bases, and salts affects the condition of working of enzymes, but in different ways. Pepsin can only carry out its specific decomposition in the presence of acid, but alkalies are less destructive in the presence of proteins, since the alkali combines with the latter. Ammonium sulphate and sodium chloride exhibit the greatest inhibitory action among salts, while the following also show some similar property: Alcohol, tannic acid, alkaloids, carbohydrates, and bile juice. Mercuric chloride inhibits the action of many enzymes, and the activity can be again restored by agents which precipitate mercury from solutions. Caffeine and theobromine, on the other hand, increase the activity of pepsin. Inorganic enzymes are similarly affected; thus a mere trace of sodium phosphate causes an immediate fall in its velocity constant when added to "platinum sol." The effect of the various acids on the activity of pepsin is in accordance with their degree of dissociation, being a measure of the number of hydrogen ions present. The optimum concentration of hydrochloric acid has been shown to vary with the protein being acted upon. Proteolytic enzymes convert proteins into proteoses and peptones, and the knowledge acquired in the last few years of the decomposition-products of proteins disproves the former view that protein is a substance of definite composition and properties. There are many forms of protein differing greatly in physical and chemical characters, the majority being amorphous, but some are crystalline. Recently Fischer has synthetically prepared compounds related to peptones, called polypeptides, which show the characteristics of peptones in their behaviour towards enzymes and chemical reagents. Weinland's discovery of antiproteinase has answered satisfactorily the question, "Why do not the proteolytic enzymes present in the alimentary tract digest it?" The immunity of the living tissue is explained by the presence of an anti-enzyme; thus pepsin or acid proteinase, for example, has associated with it anti-proteinase. Such anti-enzymes are examples of the negative catalysts of chemical processes which retard chemical action.

On the motion of Mr. J. Tait, Ph.C., seconded by Mr. Thomas Stephenson, Ph.C., F.C.S., a cordial vote of thanks was awarded to the President.

Festivities.

Whist.

THE Bradford and District Chemists' Association had a whist-drive at Bonnet's Café, Darley Street, Bradford, on Tuesday evening, November 2, about seventy-five persons taking part. The prize-winners were: First, gentlemen, Mr. W. K. Jackson (fountain-pen); second, gentlemen, sealed handicap, Mr. R. W. Silson (pocket-knife); consolation prize, Mr. Frow; first, ladies, Mrs. Dooley (clock); second, ladies, sealed handicap, Mrs. Mazurke (small hand-bag); consolation prize, Mrs. Mitchell (hat-pin). Mr. Mackay and Mr. Crowe entertained the company after the award of the prizes.

Musical Evenings.

THE Chemists' Assistants' Association held the first musical and social evening of the thirty-third session at 73 Newman Street, W., on October 28. Mr. A. R. Arrowsmith presided, and in spite of the unfavourable weather there was a good attendance both of members and visitors. An excellent programme was provided, and all the artistes were enthusiastically received. At the conclusion of a very pleasant evening Mr. Loxley thanked the Chairman and artistes.

ON Friday evening, October 29, the members of the Dundee and District Chemists' Assistants' and Apprentices' Association made a change in their usual routine by holding a Musical Evening in Wood's Rooms, when about sixty members and friends were present. Mr. J. Adamson presided. Misses Robertson and Shields and Messrs. Taylor, Brunton, Leas, McDonald, Robertson, and Pringle sustained the musical part of the programme; Mr. A. C. Hinrichs was elocutionist, and acknowledged the vote of thanks to the artists, proposed by Mr. A. N. Tait. Dancing brought a very enjoyable evening to a close.

Spectacle-makers' Company.

FOLLOWING the installation of the Hon. H. L. W. Lawson as Master for the ensuing year, a Court dinner was held on October 28, at De Keyser's Royal Hotel, London, E.C. The Master was supported by Sheriff Slazenger, Sir Horace B. Marshall, Sir John Rolleston, Mr. J. Raphael, and Past-Masters Hylton Foster and Davidson. Mr. Lionel Laurance was also present. A feature of the evening was the presentation of prizes to those who have won them at the Company's examinations within the past few years. These included two chemists, Mr. T. M. Ridley (Carlisle) and Mr. F. W. Freshney (Eastbourne), the other recipients being Mr. H. Oscar Wood, Mr. A. E. Dyson, and Mr. G. W. Dipple. Before each presentation a *résumé* of the career of the prize-winner was given, and the principal toast was "The health of the Prize-winners," to which Mr. Dyson replied. Mr. J. H. Davidson proposed the health of the donors of the prizes, and said the Company will never abandon the examination scheme. Mr. J. Raphael replied. He expressed the pleasure it was to him to meet the prize-winners, and thanked the Master for the consideration he had shown in arranging that pleasant function. The Master, in replying to the toast of his health, recalled that his father, Lord Burnham, had filled the office of Master of the Company, as well as Sir Benjamin Phillips and Sir G. Faudel-Phillips, who were also related to him. He said he would endeavour to ensure that the work undertaken in connection with the optical industry would be carried on for the benefit of both opticians and the public.

Smoking for Charity's Sake.

A SMOKING-CONCERT, in aid of the Pharmaceutical Benevolent Fund, was held by the Liverpool Chemists' Association, in conjunction with the Birkenhead and Wirral Association, at the Bear's Paw Restaurant, Liverpool, on Thursday, October 28. The chair was taken by Mr. J. Rymer Young, who was supported by Messrs. W. G. Cross (Shrewsbury), T. S. Wokes, and F. C. Cooling, and many other prominent figures in local pharmacy. An excellent and well-varied programme was rendered by Messrs. R. Seymour, J. Sargent, J. Williams, and A. Mills, vocalists, Messrs. A. Giffin, Mills, Griffiths, and the Brothers Evans, humorists, Mr. Wilton Warton, an accomplished conjurer, and Mr. Seaton Milroy, elocutionist. The entire expenses were defrayed by the two Associations, so that the full proceeds from tickets and programmes were devoted to the Benevolent Fund. Mr. Young, in the course of a few introductory remarks, said that he could not let slip such an opportunity for drawing attention to the good results that are accruing from the new Poisons and Pharmacy Act. While his eyes were not closed to certain defects in the Act, especially in Section 2, he felt bound to say that, as a whole, it is working with much smoothness, and is a great boon to pharmacy in general. To qualified assistants in particular, he thought, it is of inestimable value. After the interval, Mr. Young, in announcing that a collection would be taken on behalf of the Benevolent Fund, appealed to the "well-dressed and well-fed" in the audience, speaking very

warmly of the good work accomplished by the fund; and Mr. Cross, in supporting the appeal, gave some figures about the fund and mentioned facts regarding its administration. The collection realised 8/ 10s. Although the concert continued till a late hour, it was not found possible to get through the whole programme, and after a vote of thanks to the artistes had been proposed by Dr. Symes, and carried enthusiastically by what remained of the audience, a most enjoyable evening was brought to a close with the singing of the National Anthem.

Trade-marks Applied For.

Objections to the registration of any of the undermentioned applications should be lodged with Mr. Temple Franks, Comptroller-General of Patents, Designs, and Trade-marks, at the Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned. The objection must be stated on Trade-marks Form No. 7, cost £1, obtainable through any money-order office. The figures in parentheses refer to the classes applied for.

(From the "Trade-marks Journal," October 20, 1909.)

- "BOILERINE"; for an incrustation preventive (1). By Boilerine, Ltd., 865A to 897, Old Kent Road, London, S.E. 316,244.
- "ALABASTINE," "EXTERNICO," "JELSTONE"; for a dry colour for ceilings, etc. (1). By Alabastine Co. (British), Ltd., 15 Church Street, South Lambeth, London, S.W. 316,315, 6, 7.
- "BLOOM"; for sheep dips and washes, etc. (2). By McDougall Bros., 66-68, Port Street, Manchester. 315,199.
- "CEREBRON"; for a preventive of insects in trees (2). By Bellard & Son, London Road, Barking. 316,014.
- "CINDERELLA"; for all goods (2) and for cleaning and polishing preparations (5). By W. Bradford, Bridge Works, Brentford. 316,105, 316,107.
- "TANGELIZER"; for chemicals (2). By Strawsons & Co., 79 Queen Victoria Street, London, E.C. 316,299.
- "ARGOLENE"; for all goods (4). By Henry Wells Oil Co., Bloom Street, Salford, Manchester. 315,642.
- "PLASTENE"; for manufacturing substances (4). By Harvey, Frost & Co., Ltd., 39 Great Eastern Street, London, E.C. 316,393.
- "CLOUDROFF"; for a powder insufflator (11). By C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, London, E.C. 314,514.
- "BONA," and picture of pigs and dogs; for dog and pig food (42). By Arthur Skill, 146 Denman Street, Nottingham. 315,944.
- "PERFECTO JOHNNIE," and picture of boy with packet of food; for prepared foods (42). By Gillman & Spencer (1902), Ltd., 44 Prince's Street, Rotherhithe, London, S.E. 314,648, 314,977.
- "PHARMA"; for food substances (42). By Auguste Gaillard & Fils, 10 Cross Lane, London, E.C. 315,050.
- RACKHAM'S "DACTYL" FRUIT FOOD FOR DOGS; for a food for dogs (42). By George Ringer, 15 St. Peter's, Norwich. 315,104.
- "STREPTOLAC"; for a milk food (42). By W. A. Greening, Southfield Road, Acton, Middlesex. 315,652.
- "WIND ROCK" BRAND, and picture of rock; for all goods (42). By T. H. Crease, 93 Cambridge Street, Pimlico, London, S.W. 316,065.
- "SALICON"; for food-preservatives (42). By A. J. Murphy, 19 Dorrington Street, Leeds. 315,678.
- "BILLIKEN"; for all goods (42). By Scott & Rosse, Ltd., Topping Street, Bury. 316,124.
- "LINDAY'S NIXALBO"; for washing-powders (47). By James Linday, Porchester Road, Nottingham. 315,261.
- "FLIGHT"; for mineral oils and petroleum (47). By Asiatic Petroleum Co., Ltd., 24-28 St. Mary Axe, London, E.C. 316,357.
- "GLORLETTE"; for a vegetable hair food (48). By W. T. Evans, 15 Derby Place, Edge Lane, Liverpool. 315,630.
- "YES"; for perfumery, etc. (48). By Marie Szabó, Rokkszilard Gasso 32, Budapest. 315,893.
- "WESTMINSTER," and picture of Abbey; for photographic chemicals (1) and for scientific instruments (8). By Westminster Photographic Exchange, Ltd., 119 Victoria Street, London, S.W. 315,243/4.
- "NIVOLITE," for white enamel (1); "TRAGOLIN," for a carbohydrate mineral spirit (4). By H. J. G. Rudman, River Street, Bristol. 316,030/1.

"LIVETEEN"; for enamel paints (1). By F. Livett & Son, Ltd., 22 Borough High Street, London, S.E. 315,833.

(From the "Trade-marks Journal," October 27, 1909.)

- "RADIUM"; for photographic plates and films (1). By I. B. Davidson, Basterfield Street, Golden Lane, London, E.C. 316,013.
- "DEVTELES," for photographic chemicals (1); "PULTICINE," for medicines (3). By Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, London, E.C. 316,413, 316,551.
- "MEGOMO"; for chemicals (1). By Nobles & Hoare, 3 Cornwall Road, London, S.E. 316,555.
- "BISHOP'S" (by order); for effervescent (3). By Alfred Bishop, Ltd., 48 Spelman Street, London, N.E. 309,114.
- "RADIOTROP"; for a medicinal preparation (3). By Richard Keil, Friedrichstrasse 108, Berlin, N. 24. 313,410.
- "VIDAR"; for a medicated tonic wine (3). By W. J. Churchyard, 4 West Parade, Cromer. 314,367.
- "PHAEMA"; for medicinal chemicals (3). By A. Gaillard & Fils, 10 Cross Lane, London, E.C. 315,049.
- "PYROFEBRIN"; for medicinal chemicals (3). By G. C. Davidson, 1 Polwarth Place, Edinburgh. 315,402.
- "PERLAX"; for all goods (3). By F. J. Cleveland, 4 Avenue Road, Sunbury-on-Thames. 315,981.
- "VERVO"; for medicinal chemicals (3). By Parker & O'Keefe, 3 Elm Grove, Ranelagh, Dublin. 316,238.
- "LOMBIO"; for an ointment (3). By F. McDonald, "Wambo" Singleton, N.S.W., Australia. 316,378.
- "MILKOSINE"; for milk powder (42). By British Casein Co., Ltd., 118 Fenchurch Street, London, E.C. 314,228.
- "ALBIRON"; for an invalid food (42). By Wilts United Dairies, Ltd., Devizes. 315,872.
- "SPEARMINT"; and arrow device, for chewing-gum (42). By Wm. Wrigley, Jun., & Co., 88 Michigan Avenue, Chicago, U.S.A. 316,025.
- "SILVER STAR"; for toilet-articles (48). By H. W. K. Pears, Goldstone Chemical-works, Hove, Sussex. 314,276.
- "SAMBULINE"; for perfumery, etc. (48). By Osborne, Bauer & Cheeseman, 19 Golden Square, London, W. 315,892.
- "EFFIXIN"; for perfumery, etc. (48). By Dr. Schmitz & Co., Ltd., 54 Himmelgeisterstrasse, Düsseldorf. 315,926.

Prescription Problem.

9 am. Br 3 1/4
 Antik Lab 8
 1/2 m. 1/2
 1/6 m. 1/2
 In am. 3 1/4
 Ca. ad 38
 Nit
 Molar 1/2
 Molar 1/2

What is it? Postcard replies should be sent to the Editor not later than Saturday, November 13. Book-prizes will be awarded to the first four correct and most promptly received renderings. Our award to be final.

Trade Report.

NOTICE TO BUYERS.—The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers stock the goods. Qualities of drugs and oils vary greatly, and higher prices are commanded by selected qualities even in bulk quantities. It would be unreasonable for retail buyers to expect to get small quantities at anything like the prices here quoted.

42 Cannon Street, E.C., November 4.

THERE is a fairly good undertone to the drug and chemical markets, and business in the aggregate is satisfactory in most quarters. Quicksilver has provided the excitement this week, and after two advances, amounting in all to 7s. 6d., the Baron withdrew his quotation for some inscrutable reason, and in second-hands a premium of 5s. has been paid on the nominal official price. Mercurials were advanced 1d. immediately on the news of the first rise, but makers now prefer to wait a more definite market before deciding on further action. The upward trend in opium continues in primary and spot markets, the feature still being important American buying; while Persian to arrive has also been active at rising prices. No further change has taken place in morphine, makers selling in limited quantities only; but a further rise is expected in codeine. Rumour has it that the santonin monopoly has at last fixed the price, but no confirmation is obtainable. Other changes among the alkaloidal group include a slight reduction in pilocarpine, eserine, and atropine. Quinine has been in good demand for export to India, but the interest principally centres in the large bark auction at Amsterdam to-day. In drugs and miscellaneous articles agar-agar is dearer, and higher prices are reported for Russian aniseed and fennel. Guinea grains are firmer. Sweet almond oil has been reduced 2d. Castor oil is firmer. Croton oil is dearer, and chamomile is cheaper. French lavender and spike are firm. Cod-liver oil is quiet but steady. Rumour is busy with regard to lemon oil, it being said that the Camera is to exercise control. Soy is dearer, and cocoa-butter easier. The principal alterations have been as follows:

Higher	Firmer	Easier	Lower
Cardamoms	Agar-agar	Ammonia sulphate	Almond oil (sweet)
Coconut oil	Aloes (Cape)	Buchu	Atropine
Croton oil	Castor oil	Cocoa-butter	Chamomile oil
Dextrine	Copper sulphate	Eserine	Colocynth
Eucalymin	Soy	Ferri et quin. cit.	Peppermint oil
Farinas	Wax, bees' (Jam.)	Ginger (Cochin and Calicut)	Jap. (in auction)
Ipecacuanha (E.I.)		Pilocarpine	Shellac
Mercurials		Soda nitrate	Turpentine
Opium			
Quicksilver			

Cablegrams.

SMYRNA, October 29.—Heavy American purchases of opium have been made at the equivalent of from 16s. 6d. to 17s. per lb.

SMYRNA, November 1.—Buying of opium for speculation and American account continues at up to the equivalent of 18s. 3d. for "selected" and 19s. for "extra" Karahisar. There are now few sellers, and the market is expected to go to 20s.

SMYRNA, November 4.—Large sales of opium continue to be made, and sellers now ask from 19s. 6d. to 20s. 6d. per lb., as to quality.

NEW YORK, November 4.—Business in drugs is fair. Opium has advanced a further 30c. to \$5.60 and is strong.

Peppermint oil in tins is unchanged in New York, but an easier feeling prevails in the West. Cascara sagrada is nominal. Quicksilver has advanced to 70c. per lb. Hydrastis (golden seal) is lower at \$1.95, and senega is steady at 55c.

AMSTERDAM, November 4.—At the auction of cinchona held here to-day 10,221 packages were offered, of which 9,361 packages sold at an average unit of 2.95c. per half-kilo., against 2.98c. per half-kilo. paid at the auction on September 30. The following were the approximate quantities of quinine purchased by the principal buyers: (1) The English and American factories, 13,686 kilos.; (2) the Brunswick factory, 7,300 kilos.; the Mannheim factory, 6,269 kilos.; (4) the Amsterdam factory, 2,032 kilos.; (5) the Frankfort and Stuttgart factories, 5,973 kilos.; (6) the Maarsse factory, 6,485 kilos.; (7) various buyers, 7,206 kilos. The lowest price paid for manufacturing bark was 7½c., and the highest 36c., while for druggists' bark from 6c. to 36½c. was paid. The coca-leaves sold at from 35c. to 65½c. per half-kilo.

English Peppermint Oil.

At a meeting of the Epsom Rural District Council on October 27, Mr. Pratley (the surveyor) reported that he had sold 30 lb. 4 oz. of last year's crop of peppermint oil, produced on the Council's land at Cobham, at 30s. per lb., and that the money had been paid into the Council's account.

Manchester Chemical-market.

November 2.

There has only been a moderate demand for heavy chemicals. Caustic soda is, however, steady, and a large business is reported for 1910 delivery. Some firms appear to be in a position to quote exceptionally favourable prices. Electrolytic caustic potash, for prompt and forward (50° Bé liquid), is quoted 11½, 12s. 6d. to 12½ c.i.f. Carbonate of potash is dearer, Russian on the spot being 16½, 10s. per ton ex store. Sulphate of copper is slow at about late rates. Nitrate of soda is quiet at 9s. 7d. to 9s. 10d. here. Bleaching-powder is nominal at 4½, to 4½, 5s. per ton for softwood casks on rails. Dutch and German farinas have advanced considerably, and dextrine is also dearer in sympathy. Paraffin wax firm, and there is little doing in rosin. Coal-tar products are still flat, with not much business passing. Sulphate of ammonia for prompt is quoted 10½, 17s. 3d. to 10½, 18s. 9d. on rails Manchester. Creosote is 2½d.

London Markets.

ACETATE OF LIME.—Recently a large business has been done on the basis of 9½, 7s. 6d. per ton for American grey, 80 per cent. in quantity, and for next year the price has been fixed at 10½ c.i.f. for large quantities. The outlook, therefore, for acetic acid, acetone, and acetates points to substantially increased values later on.

AGAR-AGAR is strong at from 1s. 10½d. to 1s. 11d. per lb. spot for No. 1 Kobé strip.

ANISEED has been in brisk demand on the Continent, and prices have advanced. Natural is quoted 24s. 6d. per cwt. c.i.f. for at least ten-bag lots. In the drug auction 20 bags of Spanish were held at 40s.

APOMORPHINE.—The advance of 2s. 9d. noted last week now makes the list-price 30s. 3d. per oz. for hydrochlor. cryst.

ASAETIDA.—A small parcel of 32 packages from the Persian Gulf is being landed, but not in time for this week's auction.

ATROPINE is easier, the pure crystals offering at 15s. 3d. and the sulphate at 12s. 3d. per oz.

BROMIDES.—In view of the approaching expiry of the German Bromine Convention, a meeting was recently held in Magdeburg with the object of renewing the same for a further period of three years. The allotment question was successfully settled and an understanding came to with regard to the preference allotments demanded by the Carnallite Works and the transfer of allotments to other companies, which has long been provided for in the convention treaty. A difference of opinion, however, arose at the last moment, but it is not thought that it will imperil the renewal of the Convention. The policy is to discourage new producers and facilitate the expansion of existing works. It must not be inferred from the above that there is any weakness in the general position of bromides. There

is a satisfactory demand for consumption from makers' hands for the usual assortment of salts for prompt delivery only, the makers not offering forward. The quotations for foreign are: Potassium, $10\frac{1}{2}d.$; sodium, $1s. 0\frac{1}{2}d.$; and ammonium, $1s. 1\frac{1}{2}d.$ per lb., and the prices of English are practically on the same level.

CAMPHOR (REFINED).—In the drug auction five cases of Japanese $\frac{1}{4}$ -oz. tablets sold without reserve at $1s. 7\frac{1}{2}d.$ net, and six cases of 1-oz. tablets sold at $1s. 6\frac{1}{2}d.$ to $1s. 6\frac{1}{2}d.$ net. A further 20 cases of Japan $\frac{1}{4}$ -oz. tablets were offered without reserve and sold at from $1s. 6\frac{1}{2}d.$ to $1s. 7d.$ net, no discount, mostly at the higher price. Several protected parcels were offered and bought in, including $\frac{1}{4}$ -oz. at $1s. 7\frac{3}{4}d.$, $\frac{1}{2}$ -oz. and 1-oz. at $1s. 7\frac{1}{2}d.$ Privately about 100 cases Japanese $\frac{1}{4}$ oz. tablets have been sold at from $1s. 7d.$ to $1s. 7\frac{1}{2}d.$ c.i.f.

CAPRIC MS.—Steady. At auction 25 bags Nyasaland old at $48s. 6d.$ to $49s.$ for fine large red picked; 42 bags of Java were bought in at $30s.$

CHILLIES.—At auction 72 bags of Nyasaland were offered and sold at $50s. 6d.$ for fine bright and at $48s.$ to $49s. 6d.$ for good red; of Mombasa 199 bales were bought in at $45s.$

CINCHONA. The shipments from Java during October amounted to 1,360,000 Amst. lb. against 1,356,000 Amst. lb. last year, 1,400,000 Amst. lb. in 1907, and 1,335,000 Amst. lb. in 1906. The total shipments during the first ten months of the year were 13,041,000 Amst. lb. against 12,932,000 Amst. lb. in 1908, and 14,506,000 Amst. lb. in 1907.

CLOVES. At auction 18 cases Penang sold without reserve at $1s. 1d.$ for fine and $11d.$ for good. Of Zanzibar 96 bales were bought in at $5d.$ for good bright. Privately, business has been done for January-March delivery at $4\frac{3}{4}d.$ to $4\frac{7}{8}d.$ c.i.f., and for arrival the market is steady, November-January shipment closing at $4\frac{1}{2}d.$ and January-March at $4\frac{3}{4}d.$

COCOA BUTTER. At auction 35 tons of Cadbury's sold at from $10\frac{1}{2}d.$ to $10\frac{3}{4}d.$ (closing at $10\frac{3}{4}d.$), the average being about $10\frac{1}{2}d.$, as compared with $11d.$ at the previous auction.

CODEINE.—Although prices advanced $1s.$ last week, the feeling prevails that still another rise is imminent.

COPPER SULPHATE is firmer in Liverpool by $2s. 6d.$ per ton at $18l. 17s. 6d.$ for prompt, and $19l.$ to $19l. 2s. 6d.$ for January-April delivery.

COPPERAS has been more plentiful of late, and prices are becoming easier at from $47s. 6d.$ to $50s.$ per ton on the spot.

ERYTHRUS is dearer at from $1s. 3d.$ to $1s. 4d.$ per lb. c.i.f. London.

FENNEL-SEED. German is much dearer owing to failure of the crop, $65s.$ to $75s.$ c.i.f. being wanted. Levant is quoted $31s. 6d.$ to $32s.$, and small green Moravian $36s. 6d.$ to $37s.$ c.i.f., in lots of at least 10 tons.

GALLS.—Persian blue are in fair demand at from $64s.$ to $65s.$; and for green from $54s. 6d.$ to $56s.$ has been paid, sellers of white asking $45s.$; for November-December shipment $65s.$ is asked, with buyers at $62s. 6d.$

GINGER.—Easier at auction. Practically 900 packages of Cochin and Calicut were offered, and about 300 sold, mostly without reserve, including unsorted native cut at $54s.$, good bold Calicut rough at $43s.$, and small shrivelled brown Calicut at $35s. 6d.$ Bold A cut was bought in at $30s.$

GUINEA GRAINS are firmer and scarce on the Continent, whence $74s.$ c.i.f. is quoted.

IODINE AND IODIDES.—The exports of crude iodine from Japan during the eight months ended August 31 have been as follows:

	1907.	1908.	1909.
Kin	18,860	10,500	11,522
Yen	89,748	48,261	53,956

Exports during August were 787 kin, valued at 3,746 yen. The exports of potassium iodide during the above eight months were: 1907, 27,889 kin (124,075 yen); 1908, 16,342 kin (71,874 yen); 1909, 18,634 kin (86,075 yen). August exports were 3,152 kin or 14,456 yen. [Kin=1.3 lb. and yen=2s.]

LINSEED.—H. M. Consul at Buenos Ayres reports that during September the weather conditions in the Argentine

have been very favourable for linseed, and that it seems likely that the crop will be as large this year as last.

MERCURIALS.—Immediately the advance in quicksilver was announced last Friday the makers of mercurial salts raised their prices by a further $1d.$ per lb. But when the metal again advanced $5s.$ on Tuesday, and ended in the importer refusing to sell, the makers decided to wait definite results before taking further action, and this is the position to-day (Thursday) at the close of 'Change. Should quicksilver be advanced to $10l.$, then the price of mercurials will again be advanced in proportion. The price of calomel in lots of below 2 cwt. is now $3s. 0\frac{1}{2}d.$, corrosive sublimate $2s. 8\frac{1}{2}d.$, red oxide $3s. 3\frac{1}{2}d.$, yellow oxide $3s. 6d.$, and white precipitate $3s. 4d.$ per lb.

MORPHINE remains firm, and the makers offer in limited quantities only at $8s. 3d.$ for muriate powder, without engagement.

OIL, ALMOND.—The new crop of almonds having now arrived, English pressers notify a reduction of $2d.$ per lb. for sweet (B.P.), the price of which in 1-cwt. lots is now $2s.$, and for the pallid $2s. 2d.$ is quoted. Apricot-kernel oil is unaltered at from $1s.$ to $1s. 0\frac{1}{2}d.$ per lb. as to quantity.

OIL, CASTOR, is dearer. Hull make is quoted $28l.$ per ton for first pressing for November-December delivery, and at $27l.$ for January-June 1910 delivery. Belgian is also dearer at $28l.$ for firsts for prompt delivery, and at $27l.$ for December 1909 to June 1910 delivery. In Liverpool good seconds Calcutta is quoted $2\frac{1}{2}d.$ per lb. on quay and $3d.$ ex store; first-pressing Belgian is $2\frac{1}{2}d.$, and first-pressing French $3\frac{1}{4}d.$

OIL, CHAMOMILE, has been reduced by $6d.$ to $3s. 6d.$ per oz. net for blue English oil.

OIL, CITRONELLA.—Ceylon in drums is quoted $11\frac{1}{2}d.$ to $11\frac{3}{4}d.$ per lb. spot.

OIL, COD-LIVER, is quiet but steady, agents quoting from $68s.$ to $70s.$ per barrel c.i.f. as to brand. Our Bergen correspondent writes on November 1 that there is no change in the market. Finest non-congealing Lofoten oil is still quoted at $70s.$ per barrel c.i.f., but many dealers are not disposed to accept this figure, and are holding aloof. The exports from Bergen up to date amount to 14,017 barrels against 19,292 barrels at the same date of 1908.

OIL, CROTON.—The English distillers have advanced their prices by $3d.$, to $3s. 6d.$ per lb.

OIL, LAVENDER.—A good business has been done in French oil at last week's quoted prices.

OIL, LEMON.—The rumour has again been revived that the Camera Agrumaria may exercise control of lemon oil, in a similar manner to citrate of lime. If so, it would probably mean the creation of an artificial position at considerably advanced prices.

OIL, PEPPERMINT.—Quiet, with American Wayne County oil offering at from $8s. 6d.$ to $8s. 9d.$ per lb. spot for good brands, with small sales thereat. H.G.H. is steady at $10s. 10\frac{1}{2}d.$ to $11s.$ London terms. Japanese demethylised is $5s. 9d.$ spot for Kobayashi, and a sale is reported at $5s. 6d.$ c.i.f. In auction ten cases Japanese (Suzaki) sold without reserve at from $5s. 4d.$ to $5s. 5d.$, being lower.

OIL, TURPENTINE.—Closes quiet at $41s.$ for American on the spot.

OPUM.—Judging by the cables which have been received from Smyrna and Constantinople this week again, higher prices have been paid for American and speculative account, and the anticipation is, should America continue a buyer, that extra Karahissar will eventually go to $20s.$ The London market in sympathy with primary sources has also advanced, and the sales include small parcels of good Turkey druggists at up to $17s. 6d.$, Malatia from $16s. 6d.$ to $18s. 6d.$ and Tokats up to $19s. 6d.$, these prices marking an advance of fully $1s.$ per lb. on last week. In Persian a good business has again been done for forward shipment, up to $17s. 6d.$ having been paid, and at the close sellers ask $18s.$; on the spot Persian is quoted $18s.$, and $17s. 6d.$ has been refused; for rich manufacturing Turkey (about 12.45 per cent.) small sales have been made from second-hands at $18s. 9d.$ and over. Spot stocks are extremely small in dealers' and consumers' hands, both as regards Turkey and Persian, and the market closes strong.

PILOCARPINE.—The hydrochloride and nitrate are both offered at 12s. per oz. net. Eserine pure is 2s. 9d. and the sulphate 2s. per gram. net; both of these products are cheaper than when we last quoted.

PIMENTO.—Quiet. At auction 17 bags greyish to fair sold at 2½d. to 2d.

QUICKSILVER.—Much dearer. On Friday last the importer advanced his price a further 2s. 6d. to 9l. per bottle, and again on Tuesday to 9l. 5s., at which a large export business was done. Subsequently the Baron withdrew his quotation, and various rumours (which would serve no useful purpose to repeat) have been current as to why. In second-hands business has been done at 9l. 7s. 6d. to 9l. 10s., and the market closes to-day with sales at the higher figure. The cause of the present advance is said to be due to the large export business to China and Russia and the short stock in importers' hands.

QUILLAIA.—The *Junon* to London has brought 724 bales from Valparaiso, and 691 bales have also arrived in Liverpool.

QUININE.—Apart from the small consuming demand on the spot, a fair quantity (70,000 oz.) has been shipped to Bombay, which is evidence of India's needs. Interest this week centres in the Amsterdam bark auction, and meanwhile second-hand quotations for German sulphate are unaltered at from 6½d. to 7d. for the usual brands, outside makes offering at from 6½d. to 6½d. per oz.

The landings in London during October were 80,400 oz. and the deliveries 79,568 oz., leaving a stock on October 31 of 3,238,240 oz., against 3,359,472 oz. in 1908.

SANTONIN.—A rumour was current early in the week that the monopoly had fixed the selling-price at the equivalent of 39s. 3d. per lb. in Hamburg, but up to the last moment no confirmation has been obtainable from the Continent. Meanwhile holders quote limited quantities at 36s. to 38s. per lb.

SCAMMONIUM.—An arrival of eight cases has taken place in Liverpool.

SHELLAC.—At auction 837 cases were offered and 790 sold without reserve at lower rates, Orange showing a decline of 2s. to 4s., buttons and garnet 6s. to 8s. Of second orange 449 cases offered and sold, including bright strong curly firmly matted 68s. to 69s., bronze slightly matted 67s. to 68s.; fair to good bright reddish matted to blocky at 58s. to 63s., dark red at 56s. to 57s. Of Garnet, 122 cases offered and sold, including AC cakey to blocky 62s. to 64s., 1G cakey to hard cakey 47s. to 48s., Ralli's second weak glassy free at 35s., ditto cakey to hard blocky 36s., low blocky 20s. to 22s. Of Button, 266 cases offered and 219 sold, including good pale pure cakes stamped cakey 101s., dark free 66s. to 69s., fair to good pale firsts free 69s. to 77s., palish ditto slightly cakey to hard cakey 58s. to 62s., pale cakey to blocky 56s. to 57s., palish resinous slightly cakey 50s., blocky resinous 47s. to 48s., fair strong thirds ditto 45s. to 46s., dark glassy tongue free at 39s., low dark cakey at 30s. to 32s., and Kala at 43s. Privately the market is quiet, fair free TN orange offering at 64s. to 65s., and for arrival TN for November-December shipment has been sold at 63s. c.i.f. Futures are quiet, the sales including December at 65s. 6d., March at 69s. and May 70s.

SODA NITRATE is the turn easier at 9s. 7½d. for ordinary and 9s. 10½d. for refined. In Liverpool ordinary is unchanged at 9s. 6d., and refined is 1½d. easier at 9s. 7½d.

SOY.—A good business has been done at an advance of fully 1d. to 1½d. per gal., at from 1s. 3d. to 1s. 4d. in bond, the latter for Wochan brand.

TRAGACANTH.—Although quiet, values are maintained, especially for the lower qualities, which tend firmer. Business is restricted by the limited choice on offer, and a better selection would meet with a ready sale. Bagdad firsts are quoted 15l. to 16l., seconds 13l. 10s. to 14l. 10s., thirds 11l. to 12l. 10s., and fourths 9l. to 10l. 10s.

WOOD OIL.—Hankow for February-April shipment is slightly easier, with sellers at 27s. c.i.f.

London Drug-auctions.

At the auctions of first and second hand drugs the demand was exceptionally poor, and as will be seen from the appended table, the bulk of the goods was bought in. Cape aloes tended

rather firmer, but Curaçao in boxes sold cheaply, and Zanzibar in skins was withdrawn for improved prices. Buchu is plentiful and in easier tendency. Sumatra Benzoin was quiet. Cardamoms, being scarce, appreciated fully 2d. per lb., and for Jaffa colocynth apple values were easier. Cascara sagrada is steady. Japanese refined camphor was forced off at lower rates. Dragon's-blood is fairly plentiful, but neglected. Gamboge keeps steady, but the demand is slight. East Indian ipecacuanha was about 2d. higher than the previous auction. Matto Grosso was quiet and Cartagena easy. Menthol and Japanese peppermint oil sold without reserve at lower rates. Rhubarb is about steady and in fair demand. Grey Jamaica sarsaparilla is scarce, and for the cheaper qualities of native Jamaica about steady prices were paid. Beeswax was quietly steady. The following table shows the amount of goods offered and sold:

Offered		Sold		Offered		Sold	
Albumen (egg) ...	14 ...	0		Kamala	2 ...	0	
Aloes—				Kino	11 ...	0	
Cape	50 ...	48		Kola	42 ...	18	
Curaçao (boxes) ...	39 ...	24		Lime-juice	24 ...	0	
Socotrine (kegs) ...	10 ...	0		Matico	9 ...	0	
Zanzibar (cs.) ...	12 ...	0		Menthol	20 ...	14	
Ambergris	5 ...	0		Myrrh	73 ...	0	
Anise (Russ.)	30 ...	0		Nux vomica	14 ...	0	
Anatto-seed	41 ...	0		Oil—			
Apricot-kernels ...	16 ...	0		Backhousia cit ..	1 ...	0	
Bael-fruit	5 ...	0		cade	2 ...	0	
Balsam (Peru) ...	5 ...	0		camphor	31 ...	0	
Balsam tolu	15 ...	0		cinnamon-leaf ...	17 ...	0	
Benzoin—				clove	3 ...	0	
Palembang	25 ...	0		eucalyptus	87 ...	0	
Sumatra	152 ...	18		lemongrass	15 ...	0	
Buchu	20 ...	6		lime	25 ...	0	
Calumba	17 ...	0		orange (W.I.) ...	7 ...	0	
Camphor—				patchouli	1 ...	0	
Ch. cr.	11 ...	0		peppermint (Jap)	10 ...	10	
Jap. ref.	96 ...	31		Orange-p-e-l	10 ...	5	
Canella alba	7 ...	0		Orris (Mog.)	12 ...	4	
Cannabis indica ...	4 ...	0		Ox-tongues (doz.)	659 ...	40	
Cantharides (China)	5 ...	0		Patchouli-leaves ...	21 ...	0	
Cardamoms	65 ...	49		Quillaia	50 ...	0	
Cascara sagrada...	138 ...	0		Rhubarb (China)...	77 ...	30	
Cascarilla	35 ...	0		Sarsaparilla—			
Cashew-nuts	20 ...	0		Guatemala	36 ...	0	
Cassia fistula	4 ...	4		Honduras	14 ...	0	
Chamomiles	15 ...	5		Native Jam.	24 ...	8	
Chiretta	45 ...	0		Scablae	34 ...	0	
Civet (horns)	4 ...	0		Seedlac	209 ...	0	
Cloves (Zan.)	2 ...	1		Senna and pods—			
Colocynth and pulp	30 ...	20		Alex.	34 ...	*4	
Copaiba	11 ...	0		Timnevelly	20 ...	0	
Cumin-seed	10 ...	0		Squill	8 ...	0	
Cuttlefish-bone ...	27 ...	0		Sticklae	44 ...	0	
Dill-seed	20 ...	0		Tamarinds	17 ...	10	
Dragon's-blood ...	29 ...	*1		Tragacanth	2 ...	*2	
Ergot	5 ...	0		Turneric	251 ...	0	
Gamboge	20 ...	0		Wax (bees')—			
Gum arabic	29 ...	2		Abyssinian	16 ...	0	
Honey—				Chilian	15 ...	0	
Hayti (cs.)	33 ...	11		East African ...	15 ...	15	
Jamaica	26 ...	*5		East Indian	92 ...	*9	
Ignatius beans....	3 ...	0		Jamaica	27 ...	16	
Ipecacuanha—				Madagascar	102 ...	0	
Cartagena	10 ...	0		Span'ish	3 ...	0	
East Indian	21 ...	21		Tahiti	2 ...	0	
Matto Grosso ...	14 ...	4		Zanzibar	31 ...	22	
Jambul-seed	5 ...	0		Wood oil	50 ...	0	

* Sold privately.

ALOES.—Privately the importers of Zanzibar aloes in skins have taken the bulk of the recent offerings off the market, it being claimed that the prices lately realised are unremunerative. In auction 12 packages of this description were offered and mostly held for 65s. Cape were steady; 12 cases Mossel Bay firsts had been sold privately, and for a further 20 cases from 31s. 6d. to 32s. was paid for good hard seconds, rather blackish and sticky, 29s. 6d. to 31s. for ordinary dull soft to fair seconds, and 28s. for ullaged. Eighteen cases Algoa Bay sold on actual shipping tares at from 29s. 6d. to 31s. for fair to good bright hard, and 28s. for very broken drossy. Of Curaçao, 39 boxes partly sold, including medium to fair liver at from 45s. to 47s., ordinary brown 37s., common dark 32s., and capey 30s.

BAEL FRUIT.—Five bags of fair bright slices were bought in at 3d.

BALSAM TOLU.—Fifteen cases were offered, the price of fairly hard being 10½d. Privately 9¾d. per lb. c.i.f.

is quoted for shipment from Hamburg for at least 5-cwt. lots.

BENZON quiet. Five cases of good Sumatra seconds with small to bold almonds of old fracture and slightly false-packed ends sold at 7*l.* 15*s.* subject, being slightly below limit. A string of 24 cases of ordinary thirds with very small almonds was held at 5*l.* Thirteen cases Sumatra had been sold privately, and for 25 cases Palembang 50*s.* was asked for common barkly thirds.

BUCHU.—The demand to-day fell off, and small sales were made at easier rates, including fair green round at from 1*s.* 5*d.* to 1*s.* 6*d.*; a bale of longs sold at 11*d.*, and 2 bags yellowish ovals were taken at 9½*d.*; retail sales have been made privately.

CANNABIS INDICA.—Four cases Bombay tops were offered, the limit for which was 4*s.* 10*d.*

CANTHARIDES.—Privately new crop Russian is offered at 3*s.* 1*d.* per lb. c.i.f. net; in auction 5 cases China were held at 1*s.* 2*d.* net, no allowances.

CARDAMOMS.—Supplies were on a much smaller scale, and prices appreciated fully 2*d.* per lb., the following rates being paid:—Ceylon Mysore: bold long pale, 2*s.* 4*d.* to 2*s.* 5*d.*; medium to bold ditto, 2*s.* 1*d.* to 2*s.* 3*d.*; small and medium pale, 1*s.* 10*d.* to 1*s.* 11*d.*; very small, 1*s.* 4*d.* to 1*s.* 5*d.*; brown and split, 1*s.* 4*d.* to 1*s.* 5*d.* Bold splits, 1*s.* 9*d.*; pale to good seed, 1*s.* 6*d.* to 1*s.* 9*d.*; dark Bombay seed are worth 1*s.* 9*d.*, at which small private sales have been made. Six cases Ceylon-Malabar, small to medium, part mouldy, sold at 1*s.* 4*d.*; and for 10 cases of unsorted sizes long Mysore a bid of 1*s.* 5*d.* is to be made.

CASCARA SAGRADA.—For three-year-old crop, 38*s.* was wanted for fair.

CASSIA FISTULA.—Four cases West Indian, partly ratty pod, sold at 16*s.* per cwt.

CHAMOMILES.—Five bales of new crop brownish Belgian thirds sold without reserve at 67*s.* 6*d.* per cwt., being cheap.

CHIRETTA.—Fair, part dark quality was bought in, the limit being 3*d.*

COLOCYNTH sold at rather cheaper rates, from 8½*d.* to 8½*d.* being paid for 20 cases of medium to bold pale Jaffa apple, and for fair pulped the limit was 8½*d.* Privately pulp is quoted at from 7½*d.* to 9½*d.* per lb., with supplies fairly heavy.

COPAIBA.—Eleven cases of fair unfiltered Maricaoibo were bought in at 1*s.* 10*d.*

DILL SEED.—A parcel of 45 bags of East Indian was held at 10*s.* 6*d.*

DRAGON'S BLOOD.—Quiet. Two cases fair *reeds* were held for 10*s.*, and a case of this parcel had been sold privately. Good reboiled Singapore lump was bought in at 11*l.* 12*s.* 6*d.*, and seedy ditto at from 9*l.* to 9*l.* 5*s.* as to quality. Two arrivals amounting to 20 cases have taken place.

ERGOT.—Privately new Spanish for prompt shipment from Hamburg is quoted 1*s.* 5½*d.* per lb. c.i.f. net, and on the spot new is offered at from 1*s.* 7*d.* to 1*s.* 7½*d.* In auction 5 cases new bold sound Spanish were bought in at 1*s.* 8*d.*

GAMBOGE.—Neglected. Several parcels of very fair Siam pipe were held at 14*l.* 15*s.* per cwt.

GUM ARABIC.—In auction 21 bags Ghezireh were limited at 19*s.* for small dusty, and 5 bags of white soft Soudan gum were retired at 47*s.* 6*d.*; a single bag of Aden sold at 30*s.* Privately the market for so-called Bushire insoluble gum, is firm, and although arrivals have taken place, there is a scarcity of Mohamerah and good bold picked amber, the quotations for which range from 19*s.* to 23*s.* and 22*s.* 6*d.* to 26*s.* 6*d.* respectively; ordinary Bushire sorts are plentiful at from 15*s.* to 18*s.*

HONEY.—The offerings were quite unimportant, the sales including brown set Jamaica in barrels at 29*s.*, and dull yellow set at 30*s.* Two parcels of Hayti were offered and partly sold at 28*s.* for fair set, in half-barrels, and 25*s.* 6*d.* for brown setting in barrels.

IGNATIUS BEANS, a scarce article, were held at 1*s.* per lb. for three bags.

IRECACUANHA.—The new arrival of 21 bales East Indian,

consisting of native picked, well annulated root, met with a brisk demand, principally for export, at from 6*s.* 6*d.* to 6*s.* 8*d.* (the first two bales going at 6*s.* 5*d.*), these prices being an advance of about 2*d.* per lb. on the auction a fortnight ago; for two bales siftings 5*s.* 11*d.* was paid. Consequently the demand for Matto Grosso was quiet, four bales fair leanish selling at 5*s.* 7*d.*, and for seven bales better quality from 5*s.* 8*d.* to 6*s.* was wanted. Cartagena was neglected at 4*s.*, at which small private sales have been made.

KINO.—A single case of fine bright Calicut was bought in at 1*s.* 4*d.*, and for ten cases of slightly blocky, with no astringent properties, 6*d.* was wanted.

KOLA.—Partly sold at about steady rates, including 15 bags of sea-damaged Ceylon at from 2½*d.* to 2¾*d.*, and for two bags of West Indian 3*d.* was paid. Dullish fair was held at 4*d.* for ten bags.

MENTHOL.—In auction 10 cases of Suzuki sold without reserve at 7*s.* 7*d.* to 7*s.* 10*d.*, and for four cases of Kobayashi from 7*s.* 10*d.* to 8*s.* was paid. Privately the market is quiet, with Kobayashi offering at 8*s.* 2*d.* to 8*s.* 3*d.* and Suzuki at 8*s.*

The exports from Japan during the eight months ending August 31 have been as follows:

	1907	1908	1909
Kin ...	29,818	38,071	57,091
Yen ...	170,325	179,608	264,782

Exports during August 1909 were 6,425 kin, valued at 28,226 yen.

OIL, CAMPHOR, of which the sp. gr. was .896, was bought in at 40*s.* per cwt.

OIL, EUCALYPTUS.—In auction various parcels were bought in at from 1*s.* 1*d.* to 1*s.* 2*d.* per lb. The "Star of Australia," from Melbourne, has brought 120 cases to Liverpool. Privately there is a good demand, and the recent arrivals are going steadily into consumption.

ORANGE PEEL.—Small sales of the usual gelatine strip were made at 6*d.* per lb. for dullish.

ORRIS.—Four serons of fair Mogador sold at 25*s.*

SENNA.—Twenty bales of Alexandrian broken leaf were offered and held at 2½*d.*; four bales had been sold privately. From 5*d.* to 5½*d.* was wanted for palish papery pods. Twenty bales Tinnevely leaf were offered and bought in.

RHUBARB in fair demand. Two cases medium to bold slightly roughish round Canton, about 60 per cent. fair pinky fracture, remainder grey and dark, sold at 1*s.*, and the same price was also paid for five cases of small to medium ditto. Two cases good round and flat Shensi pickings realised 1*s.* 6*d.* From another catalogue three cases of medium flat Shensi, with three-quarter fair pinky fracture, sold at 1*s.* 7*d.* per lb. subject, and for two cases of bold flat High-dried, with good coat and three-quarter good fracture, 1*s.* 1*d.* was paid. Fifteen cases of medium to bold round High-dried of Shensi character, with three-quarters palish grey-pinky fracture and quarter dark, sold without reserve at 1*s.* 3*d.*, and a single case of good Shensi pickings also sold without reserve at 1*s.* 3*d.*

SARSAPARILLA.—No grey Jamaica offered, and for the 27 bales native-Jamaica put up there was little demand, except for the cheaper qualities, which sold at about previous prices, including dull mixed yellowish at 9*d.* and fair to good red at from 10*d.* to 11*d.* per lb. Thirty-two serons of Guatemala and Mexican mixed were offered and held at 8*d.* per lb.; for four bales Honduras 1*s.* 4*d.* was wanted.

SQUILL.—Good pale was retired at 4*d.* per lb.

TAMARINDS.—Ten barrels fair Antigua sold without reserve, in bond, at 10*s.* 6*d.* per cwt.

TONKA BEANS.—A single case of fair bold frosted Angostura was limited at 5*s.* 6*d.*

WAX, BEES'.—Jamaica sold at steady rates, the bulk going at from 8*l.* to 8*l.* 2*s.* 6*d.* per cwt., one lot realising 7*l.* 15*s.* Nineteen bags Zanzibar sold at 6*l.* 11*s.* 3*d.* for fair slightly mixed block, and three bags were acquired at 6*l.* 10*s.*; 15 bags East African sold at 6*l.* 10*s.* subject for fair slightly drossy mixed colours. Fair Madagascar block was held at 6*l.* 12*s.* 6*d.*; good Chilean was retired at 8*l.* 5*s.*, and Tahiti ditto at 8*l.* 10*s.*

Continental Drug and Chemical Markets.

ANISEED.—This year Russian crops were favoured by good weather at harvesting, and it was hoped that low prices would rule. This supposition has, however, proved incorrect. At the first sales which took place in the production centres high prices were asked from the beginning, the buyers outbidding each other. After delivery of some 180 wagon-loads in the various markets the stock remaining in the hands of the peasants is calculated at about 9,000 poods. The yield of oil from this year's seeds is poor, amounting only to 2.7 per cent.

BALSAM PERU shows a steadier tendency, and the increased prices range between 15m. and 15.50m. per kilo.

CANTHARIDES.—Owing to unfavourable reports concerning the Russian crop there was an improved demand. Spot (Hamburg) stocks were taken off the market at between 625m. and 640m. per 100 kilos; small lots could probably be had at 650m.

CITRIC ACID has excited more interest, as spot (Hamburg) goods are scarce. No one has much supply on hand, so that they take advantage of the fall in prices anticipated. The prospect of a fall is argued from the fact that the Camera Agrumaria has a stock of 3,500,000 to 4,000,000 kilos. of raw material, while the annual world's consumption does not exceed 3,000,000 kilos. The stocks are still in the depot, but the fall in price is expected to take place as soon as new goods come on the market.

ERGOR.—The prices for Russian declined, as the crop has not only been good but very large. Immediate delivery from Russia is quoted 2.55m. per kilo., but consumers are not yet prepared to pay this rate, as they look for still lower prices should Spain come on the market with cheap offers. Meanwhile a few lots of new crop have arrived in Hamburg, and were sold immediately at 2.60m. per kilo.

IPECACUANHA.—There is more demand in Hamburg, and as the stocks on spot are somewhat scarce higher prices may be reckoned with. Carthagena is 9.25m. to 9m., Rio 13.50m. to 13.25m. per kilo.

OXALIC ACID.—A number of contracts are said to have taken place at the prices fixed for 1910 by the sales office. Dealers, however, announce much lower export prices, with small lots at 56m. and larger quantities at 52.50m. per 100 kilos. The basis price should therefore lie between 50m. and 51m. per 100 kilos.

POTASH BICHRIMATE.—Some time ago the most important makers at home and abroad agreed to form a convention and observe uniform prices. Before that date large stocks were in dealers' hands, and are still appearing occasionally on the market at prices below those of the Syndicate. Makers who formerly abstained from joining the convention have now adhered.

SANTONIN.—The monopoly continues to hold aloof from the market, and dealers are practically sold out; offers of 70m. per kilo. are being refused, holders asking 73m. to 75m. for a few kilos. For the time being it is impossible to foresee how long the monopoly will be unable to satisfy the demand.

VANILLIN.—Once again cheaper offers are on the market from various quarters, 29m. being quoted, and 28.50m. for orders of from 25 to 50 kilos. This depression is a natural result of the long competition, which still continues.

American Drug-market.

New York, October 26.

A fairly satisfactory amount of business is being done on the New York drug-market, albeit jobbing sales constitute the bulk of the movement. The general tone is steady.

ALOES.—Case Curaçao is in rather active demand, and prices are fractionally higher at 6½c. to 7c. for fair grades. The market is firm, and with heavy sales at the inside figure, prices are in upward tendency.

ASAETIDA continues in short supply, and nothing approaching U.S.P. quality is obtainable at less than 60c.

CAMPHOR.—Prices have receded 1c. during the interval, bringing the quotations down to 45c. and 45½c. for barrels and cases respectively.

CANADA BALSAM.—Freer offerings from the country and lack of spot inquiries have resulted in a 25c. decline, to \$5.50 per gal. in barrels, and \$5.60 in tins. Oregon is worth \$1.

CASCARA SAGRADA.—Spot quotations are unaltered at 8c. to 9c., according to age and quantity. Only a moderate jobbing business has been done, buyers continuing their hand-to-mouth policy in anticipation of lower prices. Coast markets are reported well supplied but firm at 6½c. for carloads c.i.f. New York, but local demand is such that dealers here consider that price extravagant. There seems little chance of lower prices, however; on the contrary, a resumption of normal demand may be expected to result in a higher level.

COPABA.—Business in C. and S. American is following a routine course, with prices unaltered at 40c. to 45c., as to quality and dealer.

DAMIANA-LEAVES.—Consumption of this drug has of recent years dwindled to very small proportions, but at present country markets are unable to meet the surviving demand, and prices on spot are firm at 20c., with some upward tendency.

HYDRASTIS continues fairly steady at the former range of \$2 to \$2.20, the latter figure being asked for rich drug. Spot supplies are light, but demand is backward.

JALAP is somewhat neglected, and prices are easy at 38c. to 40c.

MANDRAKE is fairly firm at 8½c. to 9c., drug rich in resin being rather difficult to obtain.

OPIMUM.—Since the date of my last letter reporting the market firm at \$5, a rather unexpected break has occurred, depressing values 10c. This was attributed to the receipt of easier primary cables reporting rains and more favourable crop-conditions in the growing areas. With the subsequent arrival of advices to the contrary effect, the market quickly rallied, however, and, the upward movement continuing, prices are now established on a basis of \$5.20. Still higher values are expected in the near future.

PEPPERMINT OIL (AMERICAN).—The situation has not visibly altered during the interval, prices retaining their nominal significance at \$1.90 to \$2.00, with spot offerings restricted. The principal country dealers are firm in their views, and quote prices for bulk almost on a parity with New York jobbing prices. Easier terms are available from the smaller primary holders, and fair quantities of these stocks have been secured by some of the principal New York dealers. Since most of the local dealers are holding aloof, there is just the possibility of the whole of the supplies being concentrated in the hands of a few spot and primary dealers, who would then be in a position to combine and dictate terms.

SENEGA is higher at 55c., and in advancing tendency.

Society of Chemical Industry.**LONDON SECTION.**

DR. J. LEWKOWITSCH took the chair at the first meeting of the session, held at Burlington House, Piccadilly, W., on November 1. Mr. Julian L. Baker, the Secretary, was absent owing to illness, and his place was taken by Mr. Dreaper, who read the minutes of the last meeting. The Chairman announced that Mr. Godfrey S. Hall had been elected on the committee, in place of Colonel Sir F. L. Nathan, who has gone to reside in Scotland. Mr. Watson Smith exhibited a photograph of Lunge and a copy of the plaque commemorating his seventieth birthday.

CALORIMETRY.—Mr. J. H. Coste read a paper on "Technical Gas Calorimetry," in which he described the calorimeters employed. The types are of the still-water variety and flow calorimeters. In the former the rise in temperature of a definite amount of water is measured. The latter, in which the temperature of a stream of water is raised, on the geyser principle, is the kind preferred, the best being the Junker and the Boys' calorimeters. Mr. Coste explained the working of the instruments, Professor Boys' calorimeter being the one he recommended. It is the kind in use at the gas-testing stations of the London County Council, where Mr. Coste is employed. An interesting discussion took place, in which Professor Boys, Mr. Helps (President of the Institute of Gas Engineers), Mr. Dibden, and Dr. Coleman took part. All the speakers were agreed that the calorific power of a gas should be chosen as the standard rather than the illuminating-power.

NAPHTHALENE ESTIMATION.—Then followed a paper by Messrs. W. P. Jorissen and J. Rutten on "Naphthalene Picrate and the Quantitative Determination of Naphthalene." The amount of naphthalene in coal-gas is estimated by passing the gas into a solution of picric acid, when naphthalene picrate is formed. A certain amount of dissociation takes place, which the authors find can be prevented by employing a fully saturated solution of picric acid instead of the weaker solution required in the process of Coleman and Smith.

ARTIFICIAL STONE.—A paper was next read on "The Manufacture of Large Blocks of Artificial Stone from Sand and Lime." In the absence of the author, Mr. J. C. Stead, this was given in abstract by the Acting Secretary.

It referred to research-work carried on in connection with the manufacture of Ford stone, and gave the various points to be attended to for successfully carrying out the manufacture. In the absence of the author, the discussion by Mr. W. F. Reid and Mr. Watson Smith was not prolonged.

NOTTINGHAM SECTION.

The inaugural meeting of the present session of the above Section was held at University College on October 27, when Mr. S. J. Pentecost, the newly elected Chairman, delivered an address on

RECENT DEVELOPMENTS OF CHEMICAL INDUSTRY AS AFFECTING LACE AND HOSIERY.

After giving statistics showing the relative exports of aniline dyes from England and Germany, and referring to the effect of the new Patent Act, the Chairman spoke of synthetic indigo. The new process, now being worked in this country by the Farbwerke Hoechst and others, is known as the sodium-amide process. By means of sodium amide, phenylglycine is condensed to indoxyl at such a temperature that there is no decomposition of the initial chemicals previous to condensation. For this reason ordinary aniline (or indirectly benzene) can be used as a base for a synthesis that eclipses all others as regards simplicity and commercial adaptability. On the subject of stains in bleached goods, reference was made to a violet-pink colouration that sometimes develops after goods have left the bleacher. This has been found to be due to the oxidation of aniline fumes derived from other goods dried in proximity. As regards bleaching, the Chairman stated that much of the bleaching-powder used locally is now made by electrolysis of salt solution by the Hargreaves-Bird process. Electric bleaching, or bleaching by solutions made by electrolyzing brine or common salt, has not made much progress in Nottingham, notwithstanding that great improvements have recently been effected in the process. It is claimed that electro-chemic has twice the bleaching power of a solution of bleach-powder containing the same amount of chlorine. The application of chlorine to woollen hosiery for the production of an "unshrinkable" finish is extensively practised in the district. Weak chlorine solution applied carefully has the effect of smoothing down the delicate edges of the scales of the wool fibre to which the felting properties are attributed. It is doubtful whether woollen hosiery treated in this manner maintains the warmth associated with the material, and it is certain that it wears out more quickly. The importance of soft water was strongly insisted on, and it was stated that the excellence of tulles, veilings, and laces finished in Continental towns is entirely due to the good supply of soft water available. After reviewing the subject of weighting silks, Mr. Pentecost proceeded to a consideration of the new vat-dyes. He regards the introduction of a series of these, giving a wide range of bright colours which are fast to light, washing, and bleaching, as perhaps the most notable advance in dyeing cotton goods made during the past year. The first of this series was the thio-indigo red of Friedländer. The method has been made possible by the discovery of the stable hydrosulphites, which are compounds of sodium and other metallic hydrosulphites and formaldehyde. The speaker concluded with some remarks upon the so-called soluble starches, with special reference to a product recently put on the market under the name of feculose, which is made by the action of glacial acetic acid on highly dried starch, the acetic acid being afterwards recovered by distillation. He mentioned its utility in the manufacture of fruit pastilles, specimens being handed round for tasting.

GERMAN POTASH-INDUSTRY.—In reference to the dispute in the potash-industry, it is learned (says Reuter) that the Government is submitting a Bill to the Reichstag establishing State control over that industry, with a power to fix export prices by placing a tax on exported potash sold under the official rate. The object is to prevent firms outside the syndicate from selling for export at prices below the syndicate's terms. It especially affects the United States, which takes 60 per cent. of Germany's potash exports. The American fertiliser companies recently concluded large contracts with the non-syndicate firms.



TO CORRESPONDENTS.—A letter for publication should always be a distinct communication; nothing else should be mixed up with it. Each query—no matter whether legal, dispensing, or general—should stand by itself, and the paper upon which it is written should always be backed with the shop stamp. We do not undertake to reply to queries by post. Write clearly and concisely on one side of the paper only. All communications should be accompanied by the names and addresses of the writers. Publication of letters does not imply our agreement with them. Letters received after Wednesday morning cannot as a rule be dealt with in the current week's issue.

What is Salad Oil?

SIR,—Seeing the correspondence on sweet oil, I note that the list of a big London firm (Italian warehousemen) states salad oil is not olive oil, while a large firm of London wholesale chemists quotes Lucca olive oil for salad oil. Can we now have this question definitely settled—What is salad oil?

Faithfully yours,
L'ECRIVAIN. (223/40.)

Orange River Colony, October.

Methylated Spirit and Price Protection.

SIR,—Regarding my suggestion in your last issue, that every chemist should request his methylator to support the protection of the retail price of methylated spirit, I am pleased to say that I received this morning from Mr. Dodridge, of Woolston, an enclosure from Mr. Wilson, of Randall & Sons, Southampton, to whom he had written as suggested, promising to bring the matter before the next meeting of the Methylated-spirit Makers' Association. Trusting hundreds of other chemists have done likewise, and that protection will soon be an acquired fact.

I am, etc.,
Newport, Mon., November 2. D. LLOYD JONES.

Nostrum Recipes.

SIR,—The following being in frequent demand, as the result of newspaper advertising, I shall be glad to hear what my brothers in trade usually charge for same:

Tincture of gentian...	1 oz.	Marmola	1 oz.
Syrup of rhubarb	1 oz.	Liquid extract glycyrrhizæ	1 oz.
Liquid Barkola compound	1 oz.	Pure glycerin	1 oz.
Syrup of ginger to	8 oz.	Peppermint-water to	6 oz.
Tincture of buchu	1 oz.	Menthol crystals	1 dr.
Karon compound	1 oz.	Lavonade composée	1 oz.
Syrup of lemon	2 oz.	Pure bay rum	3 oz.
		French Fin Fleur perfume	1 dr.

Thanking your readers in anticipation,

Yours, etc.,

COUNTRY PHARMACIST. (212/26.)

Chemists and their Assistants in India.

SIR,—I am in general agreement with the conclusions which "M. P. S." points to in his letter in your issue of September 18 in relation to the position which the English chemist's assistant fills in India. His views, however, are much too highly coloured, and his misstatements are so numerous that I would ask the hospitality of your columns to correct some of them. (1) He calls India a colony of England. It is no such thing; it never has been, and climatic and statutory reasons will always stand in the way of it ever partaking of the nature of a colony for the white man. The imported English shop-assistant, like the Englishman he works for, is to-day an interloper, as were his predecessors in the days of the Honourable East India Company, minus the licence of these days. (2) "M. P. S." only gives a partial list of those places, outside the Presidency towns, where Europeans are to be found in considerable numbers. He might have included Mussoorie, Naini Tal, Darjiling, Murree, Chittagong, Shillong, Quetta, Peshawur, Bangalore, Allahabad, and, it may be, other places in his list. (3) One occasionally sees or hears of a member of the "waster" class working for an Indian master, but the phenomenon is so comparatively rare that, so far, it is by no means a

general condition to provide against such a curious combination by express stipulation in the agreement which the employé signs before leaving England. (4) The name Hindustan is applicable only to the country of the Ganges and the Jumna. It is an incorrect name for India as a whole. (5) The Goanese compounder found in Bombay is a native of Goa, on the West Coast of India, and a subject of the King of Portugal. He is a descendant of the Portuguese invaders who, under Albuquerque and his successors, made a foothold along the Malabar coast during the sixteenth century. (6) In other parts of India the native compounder is not exclusively drawn from among those professing the Christian or Muhammadan religions: he may be, and often is, a Hindu. (7) The number of English-trained assistants in Calcutta engaged in the business is nearer ten than fifty. (8) The most misleading statement, however, is that about the salaries of senior assistants. I would respectfully ask where are those fortunates who get a monthly salary of Rs. 800, and where are those comfortable businesses located that can afford to pay even their "top sawyers" so highly? It is also pertinent to inquire where assistants are to be found (apart from the exceptional men who are well known) who are worth such salaries. As a matter of fact, it is not a very common thing to find a man drawing more than Rs. 400 a month. When he attains to that degree of monthly worth he is either taken on as a partner in the business he is working in, or, if that is not attainable, he strikes out for himself by breaking fresh ground.

India, October 6.

BEJATI WALLAH. (213/27.)

Pressed Sales.

SIR,—In the *C. & D.*, October 16, page 627, Mr. R. Mudie raises a much more important point than appears on the surface in the sentence: "At the same time I used my most eloquent and persuasive powers to induce my customer to buy other goods." 'Tis true he goes on to add, "and often as a result of my diplomacy have eventually secured a good and regular customer." This may be, but for every "good and regular customer" so secured, does Mr. Mudie know how many "good and regulars" he may have lost? With many people it has the contrary effect, and rather than subject themselves to the annoyance of having goods pressed upon them, they will carefully avoid such shops and transfer their custom elsewhere. I have in my mind a certain grocer who to likely customers will use "his most eloquent and persuasive powers" to press novelties, etc., almost to the point of annoyance. He makes his customers feel that the order they have already given are not satisfactory to the seller, and they go away with an uneasy feeling all round. I know this, for I have suffered from it myself, and though for business reasons I or my wife frequently purchase goods there we always do it with reluctance. Every customer, however small the purchase, should be made to feel that that particular order or purchase is welcomed, and while information should be given freely as to other things no pressure should be put on him to purchase other things. Better trust to goods being well displayed and willingly offered for the examination of customers, and, no doubt, if not then, suitable and required articles will be bought at some future time. I was to-day in the ancient and interesting town of Shrewsbury, where Messrs. Boots have a most up-to-date shop and upstairs a well-appointed tea-room, and all customers passing through the shop to the tea-room must pass a well-displayed announcement that "You are invited to look round and examine any goods," and "You will not be pressed to buy." Mr. Jesse Boot is much too astute a salesman, and knows his customers too well, to make a mistake on so important a point. Many travellers and nearly all trade exhibitions suffer from this fault of undue pressure to buy, and are avoided by many in consequence.

Yours faithfully,

WM. BOUSFIELD.

Chemists' Hours.

SIR,—The fate of Mr. Gladstone's Shop Hours Bill is on the lap of the gods. If the present Government continues in power it will probably be taken next Session; if there is a General Election early next year it may be delayed, or it may disappear altogether from the list of Bills which go to form that vague quantity labelled "pending legislation." As drafted at present pharmacists

are not exempt from its operation, and as their case has been considered from all points of view by legislators interested in shop-hours, it is fair to suppose that we are included deliberately this time. It is well, therefore, that we should take stock of the position. Some chemists' shops have been kept open much later than ordinary shops of a good-class type have been, with this added evil—that in some towns chemists have been practically open on Sunday all day. This has, in my opinion, been most injurious to the status of the chemist. He has through this got himself classed, in the public mind, along with ice-cream shops, tobacco-shops, and small general shops in back streets. He opens his shop at 8 o'clock in the morning on ordinary days, and keeps it open until 10 or 11 o'clock at night. This is bound to result in slow trade. Most of the time the shop is half-lighted up, customers "dawdle" in for pennyworths at half-hour intervals, the errand-boy cuts his name, with some artistic skill, on a plank in the cellar, and the master himself feels that, as his hours are long, he is taking no undue liberty in having a smoke in the back shop. A feeling of listlessness grows on him. He spends most of his time thinking about nothing, and doing almost nothing. Cobwebs begin to appear in the corners of his shop, and anon invade the window and doorway. It is the evolution of the "frowsy" shop which Lord Crewe had in his eye. Now, when unqualified men invaded pharmacy first they had no knowledge of our trade. They had, as in every other sphere of life, to pay for their education, but they did know that you must not toady to John Bull. They lighted up their places with a great flame of light, their hands were kept in the hustle doing something, and they themselves sat in a place they called an office and were seen of all men, through a glass window placed there for the purpose, evidently buried to the eyes among letters and telegrams. When night came the shutters were put up at 7 o'clock, and if the nose of a stray customer chanced to be caught in the door as it was banged close, it had to stay there till morning, when the door was with equal punctuality opened again. This was what caused Lord Crewe's admiration. It may be that his own nose made a close shave of it upon occasion. All this undoubtedly told in favour of stores. To the public it looked like business, and to the assistant like heaven. The cream of the business went to the stores, the supply of assistants was unfailing; and the private chemist, from being a man who would not light up his place properly and close promptly at a reasonable time, became a man who could not afford to do either. He became dependent on the crumbs which fell from the stores' table, and as these crumbs did not begin to fall until after 7 p.m. he had a dull day and a long weary evening, at the end of which he crawled home like a shadow and put himself to bed, where he spent the greater part of the night cursing his fate and everything else he could think of. This generation is now, however, passing away. A new generation which is able to fight stores on their own ground is growing up. Chemists' shops are in many cases as well lighted as stores, in some cases much better stocked, and there is no reason why they should keep open later than stores. A time might come when it would be the stores which would gather up the evening crumbs, and as we appear to be hanging on the balance between the old and the new, I think this a good time to get compulsory closing for all. I fancy that in very few cases indeed does a man who keeps open late do a good business. The matter of a half-holiday for all shops is likewise long over-due. The shopkeeper and his assistants are really much in need of it. In the case of chemists, as you have already pointed out, there is provision made in Mr. Gladstone's Bill for attending to urgent cases.

Dumfries.

"Alert."

JAMES REID.

SIR,—"Alert," in your issue of October 30, deals harshly with a "Lancashire Seaside Chemist" for looking after his ("Alert's") safety by refusing to supply him with troch. morph. et ipecac., as though they were a sweetmeat. He then sets off to recommend all brother chemists to impress upon the public that they are in business for the public benefit and not for their own. What a doctrine for an

"Alert" man to preach! I wonder how much impression this would make on the public; it might be all right to preach, but I fancy it would fall on deaf ears. Most of us are in business to get a living—at least, that is my impression; I know I am. The public benefit is not my chief aim, nor do I believe is it the chief aim of "Alert." "Alert" then kindly warns your readers off the Ucal scheme, and predicts some horrible fate for it. He then goes on to show that he does not know anything about Ucal and its objects or methods. As he asks one direct question, I reply: Miller, Cadge & Co. (as he calls us) do not expect a business man to pay them 6s. 6d. per dozen for goods that can be got elsewhere at less. Were we all in business, as he suggests, for the public benefit, this might be a proposition that might appeal, but as we are not all imbued with this idea of philanthropy, I fancy it will be some time before anyone comes forward with any such proposal. As "Alert" has no knowledge of the Ucal scheme, his ignorance has misled him, and I think we must let it go at that. If he is a pharmacist, I shall be pleased to give him full details. I would have sent him particulars had he written over his own name, but when one gets up to criticise it is safest to hide identity. I am glad that he has found one of the formulae you published make his rent for him, and hope he will try to get rates, taxes, light, and a few other expenses paid also out of it, although, if he is in business for the public benefit, I do not know why he should trouble about such details as these. As for his comment on "High Air" schemes, if he is referring to Ucal, he has already shown that he has not taken the trouble to understand it, so his opinion doesn't count. I should like to say that the directors of Ucal welcome criticism, but before criticising it is always wise to find out the facts instead of inventing them to suit an argument you wish to prove. The trade has this week given the directors of Ucal the answer to the question, Is Ucal necessary? with no uncertain voice.

Yours faithfully,

Cheltenham, November 1.

HOWARD MILLER.

[Mr. Cadge, of Birmingham, vice-chairman of the company referred to, also writes in reply to "Alert," but the chairman's letter has precedence.—EDITOR.]

Esperanto or Ido.

SIR, I am in cordial agreement with Mr. Van Schoor in his pronouncement that the best international language is purely a practical question, yet the true test of the real value of a language as a vehicle of inter-communication cannot surely be settled by pointing to the number using it otherwise, excepting Chinese, the international language would be English. But no language student has yet to my knowledge seriously proposed either of these as a world language. "Does Esperanto *de facto* fulfil the aim of an international language?" I asked. Putting Ido on one side, Esperanto has proven *re* if superior to all its rivals. It practically is the only one that survives. So far, therefore, it may be allowed that it has fulfilled a useful purpose, but whether it has fulfilled the aim of the ideal world-language is open to question. The first desiderata are simplicity and regularity combined with maximum internationality. The principle adopted by Dr. Zamenhof in founding Esperanto was decidedly the best one, but it has not been applied in a rigidly systematic manner, many roots favouring one nation at the expense of the others. Again, as regards the derivation, may be cited as examples the following:

To comb, *kombi*; a comb (instrument for combing), *kombilo*. But, to brush, *broši*; a brush, *broso* (without *il*). Then, a nail, *najlo*; to nail, *najli*. But, a hammer, *martelo*; to hammer, *martelumi*. Another illustration: In Esperanto the relation of *i* to *o*—*i.e.*, of the verb to the noun—is not defined: it is purely arbitrary, varying from one case to another. Thus, *broši* is to use a *broso*, *kombi* is to do the act of *kombilo*, *ori* is to cover with *oro*, *tamburi* is to beat *tamburo*, *rapori* is to produce *raparo*, *fumi* is to send forth *fumo*, *mebli* is to supply with *meblo*, *arari* is to be an *araro*, *ami* is to be in a state of *amo*, *rajti* is to possess *rajto*, *loki* is to give *loko*, *aboni* is to ask for *abono*, *tajlori* is to do the work of *tajloro*, etc.

In Ido perfect regularity combined with simplicity is obtained, and no undue burden is placed on the memory; in addition, strict adherence is given to the only practical and scientific method—that of extracting from what already

existed in our European languages the most used forms, with as few arbitrary personal additions as possible. Thus do I claim for Ido intrinsic merits over Esperanto which must commend it to all who live in hope of seeing the one great barrier between the nations of the earth—multiplicity of language—broken down. Ido has received the adhesion of 310 societies of all countries and the approval of 1,250 members of Academies and Universities. Its monthly organ, "Progreso," has reported the secession from the Esperantist ranks of groups and clubs in very many towns throughout the European Continent and in England and America.

Greatbridge, October 26.

Yours truly,

JAS. LOCK.

Information Received from Subscribers.

Appreciation.

"I should consider myself wanting in ordinary prudence and foresight if I did not subscribe to THE CHEMIST AND DRUGGIST." So writes a Nottingham chemist. (268/17.)

Synthetic Camphorated Oil.

May I direct your attention to a matter of interest to your readers? For my purpose, which is generally experimental and a circuitous route to the sink, I prepare linimentum camphoræ in strict accordance with the B.P. as far as weights and measures go, and in place of olive oil use oleum arachidis or some other fixed oil of low price. Similarly I have used the cheapest camphor which is believed to be, in recent times, of synthetic origin. It has resulted in the production of a preparation of a golden-yellow or light-amber colour, so I give a warning to pharmacists to keep clear of synthetic camphor and other oils than olive oil until more is known of their value for pharmaceutical purposes.—*Abel Scholar*.

[Which causes the colour, the camphor or the oil substituted?—ED.]

Preserving Glass Measures.

The frequent breakages of glass measures, etc., quickly reach a substantial total, and many of those accidents occur when fragile articles of this kind are being washed. A good idea, which, by the comparative immunity from loss by smashings, should quickly repay the initial cost of introduction, is as follows: A rack of galvanised zinc with meshes is made to fit inside the sink, covering the bottom and sides. A large piece of solid rubber, about half-an-inch thick, is placed in the bottom of the rack, and a circular portion may be cut out to allow waste water to run off quickly. Thereafter, if a measure or bottle fall while being cleansed, there is little likelihood that it will be cracked, much less destroyed. The scheme has been successfully adopted by several pharmacists to whom I have spoken about it.—*J. W. P.* (215/10.)

"Hall Men."

Justice (223/66), in the course of a letter replying to Mr. F. Slater, says: "There is in actual practice no difference between the Hall man and the Minor (*vide* your 'London Hospitals'); both of their spheres in life is as dispensers, one chooses the higher certificate, as does the University man (M.D.) in comparison with his *confrère* who chooses the London hospital career, for M.R.C.S. or L.S.A., but both are allowed to practise, and do not run each other down. The majority of chemists on the register to-day passed what was but the travesty of a Prelim. (the first book of Cæsar only, which any boy could get off with Giles's crib by heart), and all the shuffling in the world by such mental gymnasts as Mr. Slater will never alter the fact that both diplomats fill the same sphere in life."

There is another aspect of the question that is not considered by Mr. Slater. The amendment to Section 4 including Hall men was accepted in order that the Bill might become law. The suggestions of the Apothecaries' Society are moderate in character and might very well be adopted. The Pharmaceutical Society would receive the registration-fees, and no one would be registered who is not actually employed as dispenser. So it would not affect the retail trade at all, and would facilitate the attainment of one of the objects of the N.A.U.P.—*viz.*, dispensing by pharmacists as the present dispensers in hospitals who are not registered are naturally averse to any alteration requiring holders of these posts to be registered, whereas if by-laws were formed under Section 4 their opposition would cease and there would be more probability of the object of the N.A.U.P. being carried out.—*Hall Man*. (227/17.)

An Assistant (227/31) also writes on the same subject.

Sale of Emp. Plumbi.

Your report concerning the decision of the Uttoxeter chemists is satisfactory, but scarcely meets the case. Having had one instance of a fatal result, I refused to sell any

suspicious drug unless the applicant was accompanied by a witness, who thus shared the responsibility; at the same time entering the sale, with name and address of both parties, in the poison book.—*Sirius*. (224/6.)

Legal Queries.

Before submitting questions for reply in this section please refer to the "C. & D. Diary, 1909" for the following subjects: Income-tax, p. 220; Pharmacy Law and Poisons, p. 216, (abroad) p. 211; Spirit Laws, p. 229; Stamped Medicines, p. 221; Trade-marks, p. 194; Wines, Sale of, p. 231; and Legal matters generally, p. 233.

M. P. S. (212/33).—The manager of the business of a deceased chemist is not entitled to the premium paid by an apprentice, unless there is a special provision for that payment in his agreement.

Wcm (217/1).—Your inspector of weights and measures is apparently under the erroneous and not uncommon impression that French scales are illegal. Show him the article in the *C. & D.*, October 9, p. 576, where the Superintendent of Weights and Measures to the Board of Trade stated that the scales are legal. Your old scales to weigh 1 lb. require 6 grains to turn them, which is in excess of the regulation, so that the inspector is entitled to remove the stamp, but they may be adjusted and restamped.

Hado (226/57).—The antiseptic throat-pastille which you describe is dutiable, unless you prepare it according to a published formula in a well-known book of reference or disclose the medicinal ingredients on the label. We should like to have before us all the printed matter that you use, before expressing an opinion as to whether or not you have excluded yourself from the exemption by the manner in which you have advertised it. Technically, when a man creates a medicine and holds it out or recommends it for an ailment, it is excluded from the "known, admitted, and approved remedies" exemption.

Cologne (206/61).—We find that the label which you send, or others very similar to it, are commonly used without interference, probably because the provisions of the Merchandise Marks Act cannot be extended to the use of an *eau de Cologne* label, the general get-up of which is employed not only by Cologne manufacturers, but by others in Germany, France, England, and elsewhere. Your label, with or without your special brand, is of that character, but there are points in it, such as the number, arms, absence of your name and town (with the presence of others), which, it might reasonably be argued, are calculated to mislead. We do not know what these arms are—if your own you are entitled to use them; but you should assure yourself on this and the other points, and if at all doubtful, get a label which is distinctive of your own goods.

Doubtful (213/49) states that ground-rents were purchased by a mother and placed in her daughter's name unknown to her, with the idea of making them a gift at some future date. The daughter, since married, is now deceased, not leaving a will. She leaves a husband and children. During her life the ground-rents were not given to her, and she had no knowledge of their being in her name. The purchaser has collected the ground-rents and is still holding them. Can the son-in-law claim these ground-rents for himself or his children? [Under the circumstances stated we are of opinion that the mother would have no difficulty in proving her claim to the ground-rents, as the daughter did not provide the funds out of which the ground-rents were purchased, and was therefore only a trustee thereof for her mother. Administration will have to be taken out to the estate of the daughter, and her administrator will have to convey the property to the mother.]

Pharmacist (206/56) states the following case: A mortgaged his leasehold house, twenty years ago, to B for 1,500/. B now calls the mortgage in, but A cannot meet it, neither is he able to raise another mortgage owing to the lease expiring in twenty-seven years. B has given instructions for the property to be sold, and it is doubtful if it will realise the amount of the mortgage. What is A's position should this be the case? Would he be liable for the balance? Could they compel him to raise it (by selling his stock-in-trade)? [B is entitled to take proceedings against A on the covenant in the mortgage for 1,500/. and interest, and having obtained judgment, which A could not prevent, B could take any steps he wishes against A for the recovery of the money, such as putting in execution on A's goods, serving A with a bankruptcy notice, or other forms of execution. B is not compelled to realise the property, but is at liberty to do so. If there is any deficiency after the sale of the property, A is liable to B for such deficiency, together with all costs of and incident to such sale.]

Miscellaneous Inquiries.

We endeavour to reply promptly and practically to trade questions of general interest, but cannot guarantee insertion of replies on a particular date, nor can we repeat information given during the past twelve months. A preliminary condition for reporting on samples submitted is that all particulars as to source and uses are given to us.

Husk-draught, C. & D., October 23, p. 660.—In this formula the quantity of oil of turpentine should be 6 pints (Ovj.), not 5vj. as printed.

ONION DROPS.—A Winnipeg subscriber (24/48) asks for information regarding the above, which is frequently asked for by Icelanders. Syrupus alii, or tinctura asafetidae may be intended, but we invite suggestions from our readers.

W. J. (221/58).—OIL FOR SETONS to be used in treating blackleg in cattle.—Any irritating preparation is suitable. Cantharides plaster, Venice turpentine, and resin ointment are commonly used, as also the following:

Liq. ammon. fort. ...	...	...	5j.
Ol. terebinth. ...	...	...	5j.
Ol. cetacei ...	...	...	5j. M.

Plymouth Rock (218/12).—SCALY LEG IN FOWLS.—This is elephantiasis of poultry, and at times proves very troublesome in some poultry yards. Asiatic breeds and bantams are very susceptible to it. The scales of the legs have a great tendency to rise up, and if the disease is allowed to continue for a time a whitish dry substance not unlike flour exudes. Treatment: Bathe the legs with warm water, dry, and then apply paraffin oil, either alone or with ol. tercb. Apply it with a hard brush well in below the scales. When the scales have dropped off, bathe again and anoint with vaseline or equal parts of ung. zinci and vaseline.

Ferri Sulph. (218/43).—(1) According to the symptoms given, there seems no doubt that the pig is subject to epileptic fits. Investigation into the quality and quantity of the food should be made, as well as an examination for worms. If the latter are present, give the remedy for worms in pigs as printed in the *C. & D.*, October 3, 1908. If due to the feeding, change the food at once, and see that it is mild, laxative, succulent, and of easy digestion. Give an aperient of magnes. sulph. or ol. ricini. It may also be necessary to bleed from the tail or ear. (2) The case of the pig that cannot swallow is either quinsy or an attack of cramp of the muscles of mastication caused by chills or violence. Give a small dose of castor oil and bathe the affected parts with warm water for at least thirty minutes. Afterwards apply with friction a mild stimulating liniment or warm olive oil. If practicable, examine the mouth and tongue daily for swelling.

Rats (208/30).—DISTERPER-POWDER FOR DOGS.—You give no particulars of this, but a cursory examination indicates that it is potassium nitrate slightly disguised.

Zeta (199/5).—MIXTURE FOR INFLAMMATION IN CATTLE:

Ammon. carb. ...	...	...	5iss.
Tinct. zingiber. ...	...	...	5ij.
Tinct. capsici ...	...	...	5ss.
Potass. nitr. ...	...	...	5iss.
Pulv. diapent. ...	...	...	5ij.
Spirit. camphor. ...	...	...	5j.
Aquam menth. pip. ad ...	...	...	5xxv.

Dissolve the ammon. carb. and potass. nit. in the water and add the other ingredients. Shake before use. The general dose for cattle and horses is four tablespoonfuls mixed with a pint of water, warm beer, gruel, or linseed oil, according to the circumstances. The dose can be repeated every hour or so. For sheep and lambs the dose is one to two tablespoonfuls in twice the quantity of treacle and water.

Colour (206/44).—DYEING GENTLES FOR FISHING.—The crystals you send are chrysoidine, which is used in alcoholic solution for imparting a yellow colour to gentles.

J. K. (197/50).—CRYSTOLEUM PROCESS.—"Cleansine," used for making photographs transparent in the crystoleum process of colouring photographs, is either (a) Canada balsam 1 oz., oil of turpentine 2 oz., or (b) castor oil 4 oz., ether 1 oz. The sample you send is the latter.

Tanner (Port Elizabeth) (213/57).—WEIGHTING LEATHER.—The powder you send, which is used for increasing the weight of leather, is barytes (barium sulphate). It is rolled into the surface of the leather, but sometimes is formed in the leather by treating it first in barium-chloride solution and subsequently with sodium sulphate.

Vet. (204/7).—(1) The treatment of tapeworm in lambs was dealt with in the *C. & D.*, June 19, p. 964. (2) GENERAL COW DRINK:

Potass. nitr. ...	...	...	...	...	3ss.
Pulv. juniperi ...	...	...	...	...	3ss.
Pulv. anisi ...	...	...	...	...	3ij.
Pulv. gran. parad. ...	...	...	...	...	3ij.
Tinct. opii ...	...	...	...	...	3ss.
Spirit. chlorof. ...	...	...	...	...	3ss.
Aquam ad ...	...	...	...	...	3xxv.

Shake the bottle. For use mix with about 2 pints of warm beer.

(3) COLIC DRINK FOR HORSES.—The following are two recipes; others will be found in "Veterinary Counter-practice":

Ol. menth. pip. ...	5j.	Chloral hydrat. ...	5j.
Spt. ammon. arom. ...	5ij.	Theriacæ ...	5iv.
Ol. lini ...	0j.	Aquæ ...	0j.

In simple spasmodic colic. When pain is severe.

Strophanthus (212/11).—(1) Spirit is the best solvent for the gum-resin and essential oil of *asafoetida*, but we cannot say whether oil of tar would do equally well. It will dissolve some. Why not try? (2) NAPHTHOL IN ALOPECIA.—Kaposi's ointment is suitable for applying in cases of alopecia:

β-Naphthol ...	...	...	15
Lard ...	...	...	100
Green soap ...	...	...	50
Prepared chalk ...	...	...	10

Mix.

J. W. M. (217/54).—(1) VETERINARY TINCTURE OF MYRRH:

Myrrh ...	...	...	5iv.
Barbadoes aloes ...	...	...	5iv.
Rectified spirit ...	...	...	0ij.
Water ...	...	...	0j.

Macerate fourteen days and strain.

To make this with methylated spirit permission must be obtained from the Commissioners of Inland Revenue, and that would not, we think, be given for the above. (2) We do not know the composition of the proprietary veterinary medicine to which you refer.

Bracon (208/32).—POULTRY DISEASES.—The only book on this subject besides "Veterinary Counter-practice" is Barton's "Ailments of Poultry," 1s. (Dean & Son).

Farmer (183/26).—VETERINARY BLISTER.—The objection to turpentine in blisters is that it causes unnecessary pain and a liability to produce sloughing, hence those recipes which do not contain turpentine are preferable. Examples are given in "Veterinary Counter-practice." The combination of cantharides and biniodide of mercury is generally too active, but is used, especially in joint affections of the horse, where an active counter-irritant is desired. You will find a blister such as No. IV. in the appendix to "V.C.P." a good one for general sale. If you omit the oil. tereb. and hydrarg. biniod. and double the amount of pulv. canthar., your formula would come nearer to our ideas of a veterinary blister.

J. B. (214/56).—PLASTICINE was stated by the maker in "The Lancet" to consist of sulphur, farina, a vegetable oil, and vaseline.

H. H. (144/10).—CETILE ACID for cleaning the nails and "dissolving" the skin at the base of the finger-nails.—This consists of a weak acid with tincture of myrrh and eau de cologne, such as the following:

Ac. sulph. dil. ...	5ij.	Ac. tartarici ...	5j.
Tinct. myrrh. ...	5j.	Tinct. myrrh. ...	5j.
Aq. rosæ ad ...	5iv.	Aq. coloniensis ...	5ij.
		Aquam ad ...	5ij.

A. T. B. (208/60).—(1) CROTON-BLISTER. We believe this to be a mixture of croton oil (1) and methylated spirit (6). The quantities we suggest for an experimental batch are indicated in parentheses. (2) You must judge for yourself regarding the dental association: obtain particulars from the two societies that take unqualified men.

W. J. R. (214/69).—Cotton wool or tow is the material employed in stuffing birds.

Canis (215/12).—ECZEMA IN FOX TERRIER.—It must be borne in mind that at least 90 per cent. of cases of eczema result from derangement or disturbance of some of the internal organs, therefore whatever is the actual cause must be diagnosed, and the organ restored to its normal condition. Give cod liver oil, extract of malt, any of the hypophosphite syrups or some other tonic, and liq. arsenicalis miiij. with spt. æther. nit. xxx. twice daily. As an ointment or liniment

is not convenient to apply, use the following once or twice a day:

Zinci chloridi ...	...	...	...	5j.
Aquæ ...	...	...	...	3x. S.

Probably the diarrhoea is also due to derangement of the internal organs, and no doubt will gradually cease as the dog improves. Give arrowroot or rice with boiled milk and eggs as food, and small doses of chlorodyne with sodii bicarb. or bismuth. subnit. in a little port wine daily for a few days.

Antrim (309/7).—SCRATCHES IN HORSES.—There are numerous formulæ in "Veterinary Counter-practice" which are serviceable for such cases, such as barbed-wire fence liniment and lotion, p. 375; embrocation powder, p. 385; healing-lotion, p. 389; lotion for broken knees, p. 391; ointment for sores, chafes, etc., p. 392; wound-balsam, dusting-powder, and wound-stone, p. 397. If the scratches are caused by the animal rubbing itself owing to an itch, give a purgative dose and follow by a course of alterative medicine (see "V.C.P.," p. 375). The lotion given in the treatment of the feet can be applied to the parts.

J. M. C. (216/23).—You may add sodium or calcium perborate to ordinary tooth-powder in the proportion of 2 per cent.

Dens (209/59).—See the reply 151/39 in the *C. & D.*, September 11, p. 456, as to keeping hypodermic syringes sterile. As regards the other instruments your purpose may be served by washing well with boiling water and wiping with the carbolicised glycerin.

Dental Inquiries (210/60).—It is difficult to answer your inquiry about the GUMS SWELLING without knowing the condition of the patient and of the gums, the anæsthetic used, and the method of injecting. Any of these may be the cause of the swelling. If the patient is in a poor state of health and the teeth have been abscessed, there is always some swelling after extraction. When there is abscess there is usually a very bad taste and smell for a day or two after extraction. Some antiseptic and sedative mouth-wash should always be given for some time. The analgesic solution should be sterile, and it is advisable to use one which can be freshly prepared. One common way of contaminating the fluid in the bottle is the habit of filling the syringe straight from the bottle. This cannot be too strongly condemned. Rather pour out the quantity required into a suitable sterilised dish and fill the syringe from that. The fluid in the bottle should be rejected as soon as the slightest flocculent precipitate is observed. A 1-per-cent. solution should be used, 15 to 20 minims of which gives the best results. Congestion always follows the use of cocaine, and in most preparations adrenalin (which is also vaso-constrictor) is added to prolong the insensibility and localise the anæsthetic. The injection should be made slowly, and as few pricks with the needle as possible. Never push the needle too deep, for injury of the periosteum of the bone with the needle-point may be one source of trouble. Rapid injection must be avoided, and never inject into any but healthy tissue. If the gum is septic, cleanse round the tooth to be extracted with some antiseptic on cotton-wool. One of the essentials is to have a good syringe, which must be aseptic. If the sterilising-solution contains any trace of boric acid, the syringe should be thoroughly washed out with boiled distilled water. In injecting there should be resistance to the pressure on the piston. Reinsert the needle if resistance is not met with. If the fluid goes into the gum too easily, it may be due to passage into loose cellular tissue, and this sometimes causes after-swelling. There should be little danger of cellulitis, sloughing, or necrosis if the above instructions are followed out. To recapitulate briefly: (1) Use a thoroughly sterilised syringe in good working order; (2) freshly prepared solution; (3) inject slowly; (4) antiseptic precautions after extractions, such as mouth-washes, sedative and astringent.

Nepaul (214/37).—Some of the makers of the preparations deny the accuracy of the analyses which you refer to, principles being missed which are in them, and others given which are not. It is notoriously difficult, and in many cases impossible, to identify by analytical means medicines of vegetable origin when compounded together.

A. M. (Florence) (209/28).—BOOKS ON PAINT AND VARNISH MANUFACTURE.—Hurst's "Painters' Colours, Oils, and Varnishes," 12s. 6d. (Griffin); Parry and Coste's "Chemistry of Pigments," 12s. 6d. (Scott, Greenwood); Cruickshank Smith's "Manufacture of Paint," 7s. 6d. (Scott, Greenwood); McIntosh's translation of Livache's "Manufacture of Varnishes," Vol. II., 10s. 6d. (Scott, Greenwood).

Billingham (213/59).—(1) LIQUID COURT-PLASTER.—See *C. & D.*, January 9, p. 68. (2) The cautious application of potassium-cyanide solution may be tried for removing silver hair-dye from a horse's leg.

NEW SALINES

IN DOUBLE OVAL, QUININE TINTED PLUG STOPPERED BOTTLES, CAPSULED.

SAMPLE FREE ON APPLICATION.

"NATURAL FRUIT SALINE" CARTONS.

White Grapes on red ground.

White Grapes on Wedgwood blue ground.

"COOLING EFFERVESCENT SALINE" CARTONS.

Icebergs, with Ship.

Norwegian Fjord.

Swiss Waterfall.

Moorish Girl at Window.

Desert Scene.

"UNIVERSAL SALINE" CARTON.

Bay of Naples.

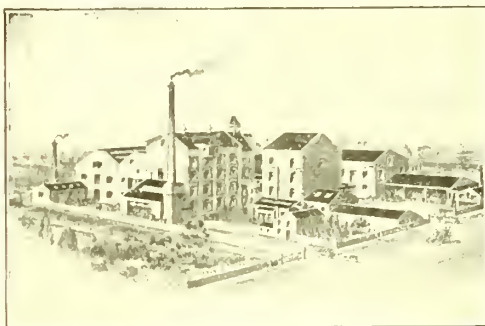
All these Cartons are printed in several colours, giving most charming and artistic effects. The labels are reduced *facsimiles* of the pictures on the Cartons.

We feel sure these new and attractive goods will meet with a ready sale, as they are far superior to anything hitherto put on the market.

Price per gross (one size only) case free	
and carriage paid	.... 81/- net.
Six dozen (carriage forward), per doz.	7/- „
Smaller quantities	.... 7/6 „

Chemist's name and address printed on the label free of charge. Reservation of Cartons for Towns by arrangement.

ALFRED BISHOP, Ltd., 48 Spelman St., Mile End New Town, LONDON.



MALT EXTRACT.

FOR HOME & EXPORT TRADE.

We invite enquiries from large buyers. Our special facilities enable us to offer highest quality on very advantageous terms.

A Leading Analyst has tested our

"PACO" DIASTASE EXTRACT,

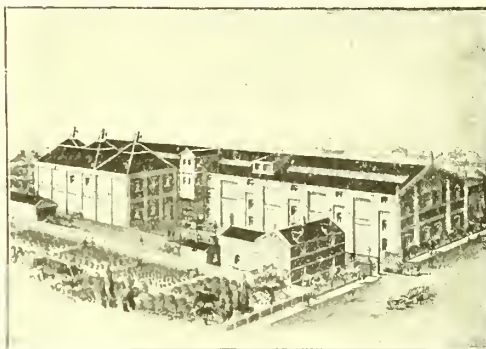
the result being 158 Lintner, or 2048° by the Pharmaceutical Codex Method.

We guarantee 100 Lintner minimum of this brand of Malt Extract. Higher strengths if required, also cheaper grades.

Send us your enquiries or ask our representative to call on you.

PAINE & CO., Ltd.

Maltsters & Malt Extract Manufacturers,
ST. NEOTS, HUNTINGDONSHIRE.



Wires:
"POEM
HULL."

PREMIER CASTOR OILS

ALL
GRADES
AND
PACKAGES.

Manufactured by
PREMIER OIL
EXTRACTING MILLS,
LIMITED,
HULL, England.

MUIRACITHIN

Most effective in cases of

IMPOTENCE

and all NEURASTHENIC CONDITIONS. Stimulates the Spinal Cord, strengthens the Heart, and forms and excellent nerve tonic.

NORIDAL

Suppositories for the treatment of

HÆMORRHOIDS,

Hæmorrhage, Pruritis, Tenesmus, Rectal Catarrh, Shrinkage and Soreness of the Anal Region, Painful Evacuations, &c.

PHYSIOLOGICALLY and CLINICALLY EXHAUSTIVELY TESTED. NO SECONDARY BYE-EFFECTS WHATEVER.

The Anglo Continental Chemical Works Ltd., 63 CRUTCHED
FRIARS, E.C.

Literature Post Free from the Sole Consignees for Australia—

SEDGELEY & WOOLNOUGH LIMITED, SYDNEY.

PHARMACISTS CAN ALWAYS RELY ON THE EXCELLENCE OF

HOWARDS'

QUININE SALTS

(SOLD, WITH EXCEPTION OF SULPHATE, AT LOWEST MARKET PRICES).

HOWARDS' SODII BICARB.

(UNRIVALLED AS THE PUREST AND BEST EVER MADE).

HOWARDS' BISMUTHS

(OF THE HIGHEST ATTAINABLE PURITY AND OF BEAUTIFUL APPEARANCE).

HOWARDS' MERCURIALS

(CALOMEL, ESPECIALLY, STILL HOLDS ITS UNIQUE POSITION AMONG OTHER MAKES).

HOWARDS' SODA TART.

(THE MOST EXTENSIVELY USED OF ANY MAKE IN THE WORLD).

HOWARDS' IODIDES

HOWARDS' CAMPHOR

HOWARDS' EPSOMS

HOWARDS' GLAUBERS

HOWARDS' ACID CITRIC

HOWARDS' MAGNESIAS, &c. &c.

WHICH ARE ALL IN UNIVERSAL DEMAND OWING TO THEIR SUPERFINE QUALITY.
ENSURE ACCURACY BY SPECIFYING HOWARDS' MAKE.

HOWARDS' PULV. SEIDLITZ

(MADE WITH HOWARDS' SODA TART. AND HOWARDS' SPECIAL SODÆ BICARB.).

SOLD BY

DRUGGISTS THROUGHOUT THE WORLD.

STRATFORD (ESTABLISHED 1797) LONDON, E.

GRAND PRIX, PARIS, 1900. GRAND PRIX, LONDON, 1908

Manufacturers of
**MORPHINE
 & CODEINE**

AND THEIR SALTS,

ERCOTIN.
 CANTHARIDIN,
 SALICIN.
 ALOIN.
 APOMORPHINE.
 CAPSICINE.
 GINGERINE.

T. & H. SMITH.

LIMITED

BLANDFIELD CHEMICAL WORKS,
 WHEATFIELD ROAD, EDINBURGH.
 22 CITY ROAD, LONDON, E.C.
 37 WASHINGTON STREET,
 GLASGOW.

CHLOROFORM.

Absolutely PURE, and answers all Official Tests.

CHLOROFORM RECT.

From Alcohol.

JALAP RESIN.**SCAMMONY RESIN.****SCAMMONIN.****JALAPIN.**

Inventors and Sole Manufacturers of the

TELA VESICATORIA,

or Blistering Tissue.

By far the most efficient Cantharides Vesicant in existence.

COCAINE**MORPHINE****CODEINE**

and their Salts,

Narcotine

Cotarnine

C. H. BOEHRINGER SOHN,*Nieder-Ingelheim-on-Rhine.*

FOR SPECIAL OFFERS ADDRESS MY AGENTS: MESSRS. W. CAUDERY & CO., 1 FENCHURCH AVENUE, LONDON, E.C.

HERBERT HYMANS & CO., 13 & 14 Trinity Square, London, E.C.

Aloes Curacoa	)	offer special inducements	(	Sarsaparilla
Balsam Copaiba	)	to <u>wholesale</u> buyers of	(	Senna Tinnev.
Balsam Tolu	)		(	Seeds-Anise
Belladonna Root	)	<u>CRUDE DRUGS</u>	(	Coriander
Cardamoms	)	in	(	Fennel, etc.
Colocynt	)	original packages.	(	Roots
Ergot of Rye	)		(	Barks
Eucalyptus Oil	)		(	Seeds
Gum Myrrh	)	Telephone—5665 Avenue	(	Herbs
Henbane Leaves	)	Telegrams—"Narcotizar"	(

GOLD MEDAL, Cape Town International Exhibition, 1904-5.

"LIQ. SANTAL. FLAV. c. BUCHU ET CUBEBA" (HEWLETT'S).

THE ORIGINAL PREPARATION.

Many pharmacists have assured us that even when the name "HEWLETT'S" is not appended to the above title they invariably dispense HEWLETT'S preparation, as they know from experience that it is the best, that it keeps indefinitely, and universally gives satisfaction, whilst imitation preparations vary so considerably, not only from the **original** but from each other, that patients notice the difference, and complain.

Price 11s. per lb., packed, for dispensing only, in 10, 22, 40, and 90 oz. Bottles.

INTRODUCED AND PREPARED ONLY BY

C. J. HEWLETT & SON, Ltd., Wholesale and Export Druggists
 35 TO 42 CHARLOTTE STREET, LONDON, E.C.



BIRLEY'S PHOSPHORUS

5% EXTRA DISCOUNT DURING NOVEMBER.

INCREASED SIZES. REDUCED PRICES.

OLD SIZES AND PRICES.

1/1½	size contained	2	ozs.	or	16	ADULT	DOSES
2/6	"	"	5	"	"	40	"
4/6	"	"	10	"	"	80	"

NEW SIZES AND PRICES.

9½d.	size contains	2	ozs.	or	16	ADULT	DOSES
1/1½	"	"	3	"	"	24	"
2/9	"	"	9	"	"	72	"
4/6	"	"	16	"	"	128	"

NEW WHOLESALE PRICES.

9½d. size, plain only	-	-	8/-	per dozen.	2/9 size, all kinds	-	26/-	per dozen.
1/1½ " all kinds	-	-	10/6	"	4/6 " " " "	-	42/-	"

Discounts for Quantities { 2½% on orders value - - £6 6 0 and upwards.
5% " " " " - - £12 12 0 " " "

Special Discounts for Quick Payments.—All orders value £2 and upwards will be subject to a discount of 2½% if payment be made on or before the 10th of the month following month of purchase, and a further discount of 2½% only if Cash accompanies the Order.

All orders below £2 in value net cash with order.

SPECIAL OFFER TO THE TRADE DURING NOVEMBER, 1909.

All Orders ACCOMPANIED BY CASH received during November 1909 will be subject to an EXTRA 5% DISCOUNT beyond those quoted above. Small Orders under £2 in value are specially invited, and we offer the 5% special discount on all such if not below 10/6 in value. Orders under this special November offer MUST BE ACCOMPANIED BY CASH.

Sole Proprietors and Manufacturers: **GORDON, MURRAY & CO. Ltd.** 10 Adam St., Strand, London, W.C.

*C. F. Boehringer & Soehne, Mannheim
Waldhof, Germany.*

COCAINE BOEHRINGER.

B. & S. BRAND.

B. & S. BRAND.

→ SULPHATE OF QUININE AND ALL CINCHONA PREPARATIONS. ←

Acetanilid,	Chloral-Hydrate,	Eserine,	Hydroquinone,	Pilocarpine,
Atropine,	Codeine,	Guaiacol,	Lactophenine,	Pyrogallie Acid,
Caffeine,	Coumarine,	Hydrastine,	Phenacetin,	Resorcine,
	Santonine,	Terpin-Hydrate,	Veratrine,	etc.

Agents for England & Ireland: Messrs. Domeier & Co., 8 Harp Lane, London, E.C.
Agents for Scotland: Messrs. F. R. Müller & Co., 47 Waterloo Street, Glasgow

ON THE P.A.T.A. LIST.

A handsome Profit assured.

Mrs. WINSLOW'S SOOTHING SYRUP

FOR CHILDREN TEETHING.

Cards and Bills free on application, from

THE ANGLO-AMERICAN DRUG CO., LIM., 33 FARRINGTON ROAD, LONDON.

Are You Preparing For Christmas . . . ?

SEASONABLE ADVERTISING NOVELTIES FREE.

Home Retailers of **BEECHAM'S PILLS** desirous of obtaining a supply of **BEECHAM'S FAMILY ALMANACK** (book containing much useful information, **LARGE CARD CALENDARS**, printed in colours, **SMALL ARTISTIC CALENDARS**, **BEECHAM'S ORACLES**, **TABLE BOOKS**, etc., are requested to notify their requirements direct to the proprietor.

COUNTER BILLS (various sizes), with name and address at foot, can also be procured, but if you have applied for or received a parcel of Counter Bills recently kindly mention the fact when writing, so that the Almanacks, Calendars, and Novelties can be dispatched at once. Parcels including Counter Bills cannot be sent under ten days. All Parcels **CARRIAGE PAID**. Please send Name and Address in Print.

Address:

PROPRIETOR OF **"BEECHAM'S PILLS," ST. HELENS, LANCASHIRE.**

Conoids are the new system of Medical Treatment.



THE CONOID COMPANY,
174 Corporation Street,
Birmingham.

The Conoid Company's Method for the Cure of Influenza, Colds, and All Ailments of the Nose, Throat and Lungs, by Inhaling Medicated Air will be found far more agreeable than any method at present in vogue—and is absolutely efficacious. Their system consists in impregnating the finest quality of Cotton Wool with the Essences of the most highly approved Medicines; in shaping the Cotton Wool into Conoids which can be readily inserted into the Nostril so that the vapours are inhaled into the Throat and Lungs.

The penetrating power of the vapours will effectually remove the cause of the complaint and the healing and soothing Remedies incorporated in the Medicament will complete the cure.

Influenza—and its dreaded after-effects—will never yield to the old-time remedies. The seat of the mischief is in the respiratory organs, and it needs the knowledge and experience of the Physician, combined with the scientific research of the Chemist, to find a Sure Remedy. This combination has produced the Influenza Conoid, which attacks the cause directly, and never fails to act pleasantly, quickly, and effectively.

CONOIDS are retailed at 1/1½ per Box.

Influenza Conoids

Are neatly packed in Boxes each containing 2 dozen Conoids.

RETAIL PRICE—1/1½ per Box.

A single Conoid will give relief.

**CONOIDS ARE THE NEW SYSTEM OF
MEDICAL TREATMENT.**

Wholesale prices for cash with order—

1 GROSS BOXES @ 9/- Per Dozen Boxes, Carriage Paid.
Less than 1 " " @ 9.6 " " " " " "

"In Preparation."

Messrs. KAY BROTHERS, Ltd., beg to inform the Trade that they will shortly be going to press with their popular Annual, the

"FAMILY REFERENCE AND FIRST AID BOOK"

revised and added to, containing 26 pages of interesting and useful reference matter, in stiff paper cover **printed in colours**; also

COUNTER BILLS

in two sizes, 11 in. × 9 in. and 6 in. × 7½ in. The larger size is specially adapted for Counter use and Wrapping of 6 to 8 oz. bottles. The paper is of best quality, smooth, plainly printed on *one side only*, with large margin, and carefully cut. Supplies of above are now being booked for winter delivery.

**GRATIS, CARRIAGE PAID, PRINTED WITH
NAME AND ADDRESS,**

for Chemists forwarding *two slip labels* and undertaking careful distribution. Population of district should be given, and in the case of the Almanacks house to house delivery should be promised, as the Annual is the finest of its kind published and a credit to any Pharmacy.

NOTE.—No Advertising Matter is sent out unless asked for.

Write at once, as applications are dealt with in rotation, and the edition is limited. Address Advertising Department.

'LINSEED COMPOUND'

(Kay's Compound Essence of Linseed.)

**40 YEARS' PROVEN EFFICACY
FOR COUGHS AND COLDS.**

On the P.A.T.A.

Sole Proprietors and Manufacturers—

KAY BROTHERS, LTD., Stockport.

PRICES ISSUED WEEKLY.

Original Packages can generally be supplied at the Current Prices quoted in the Trade Report of this paper on Terms as below.

*Acet. Ipecac. B.P., 7 lbs. @ 1/3 lb.
 " Scilla, B.P., 7 lbs. @ 3d. lb.
 *Acetone, 6 lbs. @ 1/2 lb.; 1 lb. @ 1/4 lb.
 *Acid Acet. Glacial. 99%, Carboys 144 lbs. @ 4d. lb.; 12 6-lb. bots. @ 6d. lb.; 6 lbs. @ 8d.
 Acid Acetylo-Salicyl., 56 lbs. @ 1/11 lb.; 7 lbs. @ 2/1 lb.; 1 lb. @ 2/3 lb.
 " Benz. B.P., 7 lbs. @ 1/8 lb.; 1 lb. @ 2/- lb.
 " Boric Pulv., 3 cwt. @ 28/- cwt.; 1 cwt. @ 28/6 cwt.; leviged. 3/- cwt. extra.
 Acid Carboi Xtls., 39/40; 56 lbs. @ 5d. lb.; 10-lb. Tins @ 5/6 each; Detached Cryst. 8/- each; 36 1-lb. Bots. @ 9d. lb., Single Bots. 11d. lb.; Detached Cryst. 1 lb. @ 1/1 lb.; 1 lb. @ Crude Black, 45 Gall. Casks @ 10d. gall.; 1 Gall. Tins @ 1/6 each.
 Acid Diethylbarbituric, 16 oz. @ 38/6 lb.; 1 oz. @ 2/8 oz.
 " Gallic pur. P.B., 7 lbs. @ 1/10 lb.; 1 lb. @ 2/- lb.
 " Hydrochrom., dil. B.P., 6 lbs. @ 7d. lb.
 " Hydrocyan. P.B., 6 lbs. @ 1/1 lb.; 1 lb. @ 1/4 lb.; 38 1 oz. Vials @ 3/6 doz.
 *Oxalic Cryst., 5 cwt. @ 33d. lb.; 1 cwt. @ 33d. lb.; 14 lbs. @ 33d. lb.
 " Phosph. Dil. B.P., 8 lbs. @ 4d. lb.
 " Salicyl. pulv., 1 cwt. @ 1/1 lb.; 28 lbs. @ 1/3 lb.; 7 lbs. @ 1/3 lb.; phys. pure, 1 lb. @ 3/- lb.
 " Sulphur, Coml., cases, 4 2-gal. jars, 17/- each; 20 cases @ 16/- each.
 " Sulph. Aromat. B.P., 5 lbs. @ 3/8 lb.
 " Tannic, B.P., 7 lbs. @ 2/2 lb.
 " Tart., cryst. or pulv., B.P. 1885, 1 cwt. @ 9d. lb.; 7 lbs. @ 10d. lb. parv. 4d. lb. extra.

Ext. Hyoscyam., Solid, B.P., 3 lbs. @ 5/6 lb.; 1 lb. @ 5/11 lb.
 *Ext. Ipecac. Liq. P.B., 5 lbs. @ 10/8 lb.; 1 lb. @ 1/1 lb.
 " Malt. c. Ol. Jecoris, 10 lbs. @ 5d. lb.
 *Ext. Nucis Vom. Liq. B.P., 5 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb.
 Ferri Carb., 1 cwt. @ 21/- cwt.; 28 lbs. @ 3d. lb.
 Ferri et Quinina Cit., P.B.; 500 ozs. @ 3d. oz.; 100 ozs. @ 3d. oz.; 25 ozs. @ 3d. oz.
 Ferri Sulph., pure cryst., 1 cwt. @ 15/-; 7 lbs. @ 2d. lb.
 Ferrum Redact. 80%, 28 lbs. @ 1/1 lb.; 7 lbs. @ 3d. lb.; 7 lbs. @ 3d. lb.; English Ground, 1 cwt. @ 5d. lb.; 56 lbs. @ 6d. lb.; 7 lbs. @ 7d. lb.
 Fol. Sennae Alex. parv., 1 cwt. @ 4d. lb.; 28 lbs. @ 4d. lb.
 Fol. Sennae Tinnev. 3 1/2 cwt. @ 2d. lb.; 1 cwt. @ 3d. lb.; 7 lbs. @ 3d. lb.; English Ground, 1 cwt. @ 5d. lb.; 56 lbs. @ 6d. lb.; 7 lbs. @ 7d. lb.
 Formaldehyde, 40%, 132-lb. Carboys @ 52/- each; 7 lbs. @ 7d. lb.
 Fuller's Earth, fine powder or lump, 5 cwt. @ 5/- cwt.; 1 cwt. @ 6/- cwt.
 Gamboze English Ground, 7 lbs. @ 4/- lb.; 1 lb. @ 4/4 lb.
 Gingerine, Extra, 5 lbs. @ 9/6 lb.; 1 lb. @ 9/6 lb.
 Glycerin. Opt., D.D., 1-260 P.B., 1 cwt. @ 9/6 cwt.; 56 lbs. @ 9/6 cwt.; 12 lbs. @ 1/- lb.
 Hydrargyrum P.B., 75 lb. bottle @ £9; 10 lbs. @ 2/7 lb.; 1 lb. @ 2/11 lb.; Amon., 28 lbs. @ 3/1 lb.; c. Cryst. 28 lbs. @ 1/5 lb.; Iodid. Rub., 28 lbs. @ 8/9 lb.; Oxid. Rub., 28 lbs. @ 3/- lb.; Perchlor. 28 lbs. @ 2/5 1/2 lb.; Subchlor., 28 lbs. @ 2/9 1/2 lb.; Sulph. c. Sulph., 28 lbs. @ 2/7 lb.; 7-lb. quantities 1d. lb. extra. 3 lb. quantities 2d. lb. extra, 1 lb. quantities 3d. lb. extra.

Soda Salicyl. Pulv., 1 cwt. @ 1/5 lb.; 28 lbs. @ 1/6 lb.; 7 lbs. @ 1/7 lb.; phys. pur. 28 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.
 Soda Sulphocarbolas B.P., 7 lbs. @ 10d. lb.; 1 lb. @ 1/1 lb.
 *Spt. Ether Nit. P.B., 4 1/2 lbs. @ 3/6 lb.; 1 lb. @ 3/9 lb.
 *Sp. Ammon. Aromat. P.B., 5 lbs. @ 2/8 1/2 lb.
 *Spt. Chloroform, P.B., 5 lbs. @ 3/7 lb.
 Strontine Bromid., 1 cwt. @ 1/2 1/2 lb.; 7 lbs. @ 1/4 1/2 lb.; 1 lb. @ 1/6 lb.
 Strychnina cryst. B.P., 25 ozs. @ 2/- oz.; 1 oz. @ 2/3 oz.; Hydrochlor. & Sulphate, 2d. oz. less.
 Sugar of Milk, B.P., 1 cwt. @ 44/- owt.; 7 lbs. @ 6d. lb.
 Sulphonal P.B., 1 lb. @ 9/6 lb.
 *Syr. Aurant. P.B., 7 lbs. @ 8d. lb.
 *Syr. Easton B.P., 7 lbs. @ 1/- lb.
 " Ferri Iodid. P.B., 7 lbs. @ 1/1 lb.
 " Ferri Phosphat. Co., 7 lbs. @ 5d. lb.
 " Hypophosph. Co. B.P.C., 7 lbs. @ 9d. lb.
 " Pruni Virg. B.P., 8 lbs. @ 7d. lb.
 " Rhamni, 7 lbs. @ 10d. lb.
 " Rhei P.B., 7 lbs. @ 7d. lb.
 " Scilla P.B., 7 lbs. @ 4d. lb.
 " Sennae P.B., 7 lbs. @ 8d. lb.
 " Tolut. P.B., 7 lbs. @ 7d. lb.
 *Tinct. Aurantii Recens. B.P., 5 lbs. @ 3/6 lb.; Bond 8d.
 *Tinct. Belladon., B.P., 5 lbs. @ 2/11 lb.; Bond.
 *Tinct. Benzoini Comp., P.B., 5 lbs. @ 3/5 lb.; Bond, 8d.
 *Tinct. Camph. Comp., P.B., 5 lbs. @ 2/5 lb.; Bond, 6d.
 *Tinct. Cantharidis, P.B., 5 lbs. @ 3/9 lb.; bond, 6d. lb.

GENTLEMEN.—You cannot afford to do your buying in the old-fashioned method. If you desire to increase your profits you should pass your Orders for Drugs and Chemicals to the Alliance, because you can then rest assured you will obtain the best value for money that London can produce.

QUALITY.—This can always be relied upon, and has made our business what it is to-day.

PROMPTNESS.—Home orders we always endeavour to dispatch the day the order is received.

PRICES.—Are they Right? The proof is we could not live a day if they were not, as Competitors would be only too pleased to undersell us.

PACKAGES.—Home Trade, these are Free

and this saves all expense of Return Carriage. Export Trade, Cases, Casks, &c., charged extra.

BAD DEBTS AND REPRESENTATIVES. We have none, therefore our Customers do not have to pay the usual percentage which Ordinary Wholesale Houses have to obtain from their Customers to help pay these very heavy charges, and we also save our Customers' time (Money) spent in interviewing the Gentlemen of the Road.

ADVERTISING.—The current prices weekly to the Trade for specified quantities, thus every Business Man, whether in touch daily with the Market or not, sees the current prices and saves his time (Money) in writing Wholesale Houses or bargaining with Representatives.

EXPORT ORDERS accepted through all recognized Bankers and Merchants. Where this is not convenient we have arranged that when the Order exceeds £30—we will ship the Goods upon the receipt of a remittance for 25 per cent. of their value, viz., £7 10s., and so in proportion—the Balance of the Invoice together with Bank charges of collection, &c., will be payable against Bill of Lading at Buyer's port. This applies to listed articles only, and a charge for this accommodation of 5d. in the £ upon the unremitted Balance will be made.

EXPORT INDENTS a speciality, all alcoholic preparations where the quantity is sufficient exported in Bond.

Adeps Lanae B.P., Anhydrous, 2 cwt. @ 52/6 cwt., Hydrous @ 49/- cwt.; 1 cwt. @ 2/- cwt., 28 lbs. @ 5/- cwt., 14 lbs. @ 8/- cwt., 7 lbs. @ 12/- cwt. extra.
 Aloes Barb., English Ground, 28 lbs. @ 70/- cwt.; 7 lbs. @ 8d. lb. [1/5 lb.
 Aloes, Socot., 7 lbs. @ 1/5 lb.; powder, 7 lbs. @ 2/8 lb.; 14 lbs. @ 11d. lb.
 Amon. Benz., 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
 Amon. B.P., 1 lb. @ 3/9 lb.
 Bals. Oopaiba pure, 44 lbs. @ 2/- lb.; 9 lbs. @ 2/3 lb.; 1 lb. @ 2/6 lb.
 Bismuth, P.B. Carb., 14 lbs. @ 7/9 lb.; 3 lbs. @ 8/1 lb.; subnit., 1/- lb. less.
 Camphor, English Flowers, "not artificial," 5 lbs. @ 1/10 lb.; 1/2 oz. 7 lbs. @ 1/11 lb.; 1/2 oz 7 lbs. @ 2/3 1/2 lb. Crude, 140 lbs. @ 1/4 lb.; 28 lbs. at 1/5 lb.
 Cream Tartar, 98% powder, 1 cwt. @ 72/6 cwt.; 7 lbs. @ 8d. lb.
 Ess. Lemon, 12 lb. Copper @ 3/6 lb.; 6 1-lb. bots. @ 4/0 lb.; not guaranteed absolutely pure.
 *Ess. Pear (artificial), Jargonelle, 5 lbs. @ 1/6 lb.; Bergamot, 2/6 lb.
 *Ess. Pineapple, 5 lbs. @ 3/4 lb.
 " Raspberry, 5 lbs. @ 2/- lb.; 1 lb. @ 2/4 lb.
 " Vanilla Beans, 5 lbs. @ 4/4 lb.; 1 lb. @ 4/7 lb.
 *Ext. Belladonnae Liq. B.P., 5 lbs. @ 4/7 lb.; 1 lb. @ 5/- lb. Solid, 7 lbs. @ 3/2 lb.
 Ext. Cascara Sag. Liq., B.P., 10 lbs. @ 1/2 lb.
 *Ext. Ergot. Liq. P.B., 5 lbs. @ 2/11 lb.; 1 lb. @ 2/11 lb.
 Ext. Filiois Liq., P.B., 9 lbs. @ 4/- lb.; 1 lb. @ 4/3 lb.
 Ext. Gent., P.B., Solid, 1 cwt. @ 8d. lb.; 7 lbs. @ 8d. lb.
 " Glycyrrh. Liq. B.P., 6 lbs. @ 1/4 1/2 lb.
 " Hamamelis, Liq. P.B., 5 lbs. @ 3/6 lb.

Honey, fine White Set, 28 lbs. @ 47/- cwt.
 Lin. Camph. P.B., 40 lbs. @ 10 1/2 lb.; 9 lbs. @ 11d. lb.
 Lin. Sapo Meth., 9 lbs. @ 7d. lb.
 Lin. Tereb. Acet., B.P., 9 lbs. @ 1/- lb.
 Linseed o. Oil, Crushed, 3 cwt. @ 16/- cwt.; 1 cwt. @ 16/6 cwt.
 *Liq. Ammonii Acetatis Cono. 1-7, 6 lbs. @ 8d. lb.; 1 lb. @ 10 1/2 lb.
 *Liq. Ammon. Aromat., 6 lbs. @ 9d. lb.
 " Antim. Chlor. Pure, 8 lbs. @ 6 1/2 lb. [7d. lb.
 " Arsenicalis B.P., 7 lbs. @ 4d. lb.; 1 lb. @ 4d. lb.
 " Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.
 " Bismuth. P.B., 6 lbs. @ 10 1/2 lb.
 " Copaiba Bucha et Oubeb, 5 lbs. @ 2/6 lb.; 1 lb. @ 2/10 lb.
 " Easton, p.s. 1-3, B.P., 1 lb. @ 3/- lb.
 " Ferri Dialysatus, 6 lbs. @ 7d. lb.
 " Ferri Iod. p.s. 1-7, 1 lb. @ 5/9 lb.
 Morphinae Acet. Hydrochlor. or Sulph., Pulv., B.P., 25 oz. @ 8/3 oz.; 16 oz. @ 8/4 oz.; 8 oz. @ 8/6 oz.; 1 oz. @ 8/10 oz.
 Ol. Olive, P.B., Flav., 45 gall. Barrel @ 4/3 gall.; 2 galls. @ 5/3 gall.
 Sapo, Cast. Alb. 10 cwt. @ 23/- cwt.; 2 cwt. @ 24/- cwt.; 7 lbs. @ 3 1/2 lb.; 1 cwt. @ 58/6 cwt.; 56 lbs. @ 62/- cwt.; 7 lbs. @ 7 1/2 lb.
 Mottled 2 cwt. @ 27/6 cwt.; 1 cwt. @ 29/6 cwt.; 7 lbs. @ 1d. lb. Animal pulv., 1 cwt. @ 50/6 cwt.; 56 lbs. @ 6d. lb.; 7 lbs. @ 7d. lb.
 Shellac (Orange), 1 1/2 cwt. @ 72/- cwt.; 1 ins. @ 10d. lb.
 Soda Canstia, 28-lb. tin @ 8 1/2 lb.; 6 1-lb. Bots. @ 10d. lb.
 Sodii Bromid. P.B., 1 cwt. @ 1/0 1/2 lb.; 7 lbs. @ 1/2 lb.
 Soda Cit., B.P., 3 lbs. @ 1/10 lb.
 Soda Hyposulphite, pea cryst., 1 cwt. @ 8/6 cwt.

*Tinct. Capsici, B.P., 5 lbs. @ 3/3 lb.; bond, 6d. lb.
 *Tinct. Card. Comp., P.B., 5 lbs. @ 2/6 lb.; bond, 6d. lb.
 *Tinct. Catechu, P.B., 5 lbs. @ 2/8 lb.; bond, 6d. lb.
 *Tinct. Chlorof. o. Morph. Comp., B.P., 1885, 5 lbs. @ 1/11 lb.; bond, 1/5 1/2 lb.
 *Tinct. Cinchon. Comp., B.P., 5 lbs. @ 3/4 lb.; bond, 10d. lb.
 *Tinct. Cinchon. Rub., P.B., 5 lbs. @ 3/- lb.; bond, 10d. lb.
 *Tinct. Digitalis, B.P., 5 lbs. @ 2/8 lb.; bond, 6d. lb.
 *Tinct. Gelsem. B.P., 5 lbs. @ 2/10 lb.; bond, 6d. lb.
 *Tinct. Gentiana Comp., B.P., 5 lbs. @ 1/11 1/2 lb.; bond, 6d. lb.
 *Tinct. Hyoscyami, B.P., 5 lbs. @ 2/5 lb.; bond, 6d. lb.
 *Tinct. Iodi B.P., 5 lbs. @ 3/11 lb.; bond, 1/1 1/2 lb.; decolor, 5 lbs. @ 4/3 lb.; bond, 1/0 1/2 lb.
 *Tinct. Lavandulae Comp., B.P., 5 lbs. @ 3/10 lb.; bond, 7d. lb.
 *Tinct. Myrrhæ, B.P., 5 lbs. @ 3/9 lb.; bond, 9d. lb.
 *Tinct. Nucis Vom., B.P., 5 lbs. @ 2/10 lb.; bond, 6d. lb.
 *Tinct. Opii B.P., 5 lbs. @ 3/5 lb.; bond, 1 lb.
 *Tinct. Opii Amon., B.P., 5 lbs. @ 3/4 lb.
 *Tinct. Opii Aqueos., 5 lbs. @ 2 1/2 lb.
 *Tinct. Quiniae Amm., B.P., 5 lbs. @ 2/6 lb.; bond, 11d. lb.
 *Tinct. Rhei Co. B.P., 5 lbs. @ 2/2 lb.; bond, 8d. lb.
 *Tinct. Scilla, B.P., 5 lbs. @ 2/6 lb.; bond, 7d. lb.
 *Tinct. Senega, P.B., 5 lbs. @ 3/1 lb.; bond, 1/3 1/2 lb.
 *Tinct. Strophanth., P.B., 5 lbs. @ 3/5 lb.; bond, 8d. lb.
 *Tinct. Valeriana, 5 lbs. @ 2/8 lb.; bond, 6d. lb.

*Minimum quantity at these prices, Home Trade, 3 Winchester Quarts assorted. Export, 12 Winchester Quarts assorted.

NOTE.—Only Terms Net Cash with order without discount, or orders accepted through London Merchants or Bankers. Goods carriage forward; all packages free; Export cases extra.

ALLIANCE DRUG & CHEMICAL CO., LONDON.

Office: 34 LEADENHALL STREET.

KINDLY DETACH THIS SHEET AND PLACE IT IN YOUR BUYING BOOK.

FREEMAN'S CHLORODYNE

(THE ORIGINAL AND ONLY TRUE)

Invented by Richard Freeman, Pharmacist, in 1844.

A recognised specific for Coughs, Colds, Asthma, Bronchitis, Neuralgia, Influenza, Diarrhoea, Dysentery, Colic, Cholera, Gout, and Fevers of all kinds. Freeman's Chlorodyne is used and recommended by the Profession, and is the one Chlorodyne that does not cause headache. It is essentially different from any other and cannot be imitated.

At the advertised prices Freeman's Chlorodyne yields you 60% profit, and even when sold at Store prices there is still 2d. profit on each small bottle—very fair, don't you think, for merely handing the article over your counter?

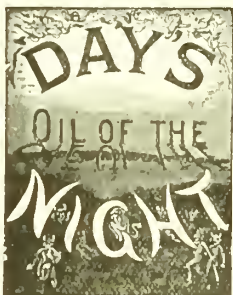
	Advertised @ per bottle.	Wholesale per dozen.	Special terms for large quantities.
No. 1 size.	1/1½ ...	8/6	}
No. 2 ..	2/9 ...	21/-	
No. 3 ..	4/6 ...	36/-	

Substitutes
will NOT give
your customers
the same degree
of
satisfaction.

FREEMAN'S CHLORODYNE, LTD.
70 KENNINGTON PARK ROAD,
LONDON, S.E.



DAY'S OIL OF THE NIGHT



The great household Remedy for Chest Colds, Sore Throat, Rheumatism, Sciatica, & all aches & pains.

"A positive pain killer."—Dr. GORDON STABLES, R.N.

Advertised Prices ... 1/1½ and 2/9 per bottle.

Trade Prices ... 10/- and 25/- per dozen.

CARRIAGE PAID.

Proprietors:—**DAY & SONS, CREWE, LTD., CREWE.**

Voss's Rheumatic Powders.

A SAFE AND RELIABLE CURE FOR
RHEUMATISM AND ALL ALLIED COMPLAINTS.

ANALYTICAL LABORATORY, 11 and 12 Great Tower St., London, E.C.
September 16th, 1909.

CERTIFICATE OF ANALYSIS.

I hereby Certify that I have submitted to a careful and searching Chemical Analysis and examination a sample of "Voss's Rheumatic Powder," prepared by Voss & Co., Leicester, and from the results obtained I consider it to be a safe and reliable remedy that may be used with excellent effect in cases of Rheumatism and allied complaints.

It has been skilfully and judiciously compounded from pure Medicinal Agents, and is free from all matters of an undesirable or objectionable nature and I consider this remedy may be used with perfect safety in all cases of a Rheumatic nature.

GRANVILLE H. SHARPE, Analyst.

Retailed at 1/1½ and 2/9 per box.

Wholesale terms on application. WINDOW SLIPS PROVIDED.
VOSS & CO., 45 Dannett St., Leicester.

London Agents: MAY, ROBERTS & CO., Ltd.

You save 22% to 37%

if you ask for prices for Pills,
Tablets, Patent Medicines to
your formula, etc.

C. F. ASCHE & Co., HAMBURG.

. . THE . . CHEMIST'S CO-OPERATIVE WHOLESALE.

- Acetum Ipecac. B.P. 6 lbs. @ 1/2 lb.
 Acid. Citric. Cryst. or Pulv. 7 lbs. @ 1/4 lb.
 „ Salicylic. Pulv. 7 lbs. @ 1/1 lb.; 1 lb. @ 1/2.
 Adeps Benz. B.P. 28 lbs. @ 9d. lb.; 7 lbs. @ 9½d.
 Ammon. Bromid. B.P. 7 lbs. @ 1/3 lb.; 1 lb. @ 1/5.
 Aqua Anethi Conc. 1 to 40. 5 lbs. @ 2/3 lb.; 1 lb. @ 2/6.
 „ Mentha Pip. Conc. 1 to 40. 5 lbs. @ 2/3 lb.; 1 lb. @ 2/6.
 „ Rosæ Conc. 1 to 40. 1 lb. @ 6/- lb.
 Balsam Copaibæ B.P. 9 lbs. @ 2/2 lb.; 1 lb. @ 2/5.
 Bismuth Carb. B.P. 3 lbs. @ 7/8 lb.; 1 lb. @ 7/10.
 „ Subnit. B.P. 3 lbs. @ 6/8 lb.; 1 lb. @ 6/10.
 Butyl Chloral Hydrat. B.P. 1 lb. @ 8/9 lb.
 Camphor Flowers, English, B.P. 5 lbs. @ 1/11 lb.
 „ Tablets ½, ⅓ and ¼ oz. 7 lbs. @ 2/1 lb.
 Cantharides Pulv. 1 lb. @ 3/6 lb.
 Cera Alb. Genuine, Moons. 4 lbs. @ 1/8 lb.
 „ Flav. Refined, Genuine. 4 lbs. @ 1/6 lb.
 Cetaceum Alb. B.P. 7 lbs. @ 1/5 lb.
 Chloral Hydrat. Cryst. B.P. 1 lb. @ 4/8 lb.
 Chloroform B.P. 8 lbs. @ 1/8 lb.; 3 1-lb. Bots. @ 1/10½.
 Cocain. Hydrochlor. B.P. 8 ozs. @ 7/6 oz.; 1 oz. @ 7/9.
 Cream of Tartar, B.P. 7 lbs. @ 9d. lb.
 Dec. Aloes Co. Conc. sine Croco. 6 lbs. @ 1/1 lb.
 „ Sarsæ Jam. Co. Conc. 6 lbs. @ 2/- lb.
 Ext. Cascaræ Sagradæ Liq. B.P. 6 lbs. @ 1/1 lb.
 „ Ergotæ Liq. B.P. 6 lbs. @ 2/9 lb.; 1 lb. @ 3/-.
 „ Glycyrrh. Liq. B.P. 6 lbs. @ 1/2 lb.
 Ferri et Ammon. Cit. B.P. 7 lbs. @ 1/6 lb.; 1 lb. @ 1/7.
 „ „ Quinin. Cit. B.P. 100 ozs. @ 3½d. oz.; 25 ozs. @ 3½d. oz.
 Flor. Anthem. Good Medium. 7 lbs. @ 9d. lb.
 Fol. Sennæ Tinn. 7 lbs. @ 5d. lb.
 Gelatine B.P. Thin Sheet. 7 lbs. @ 1/- lb.
 Glycerin. Belladon. B.P.C. 1 lb. @ 2/- lb.
 „ Pepsin. B.P. 1 lb. @ 2/- lb.
 Hydrarg. Ammon. B.P. 7 lbs. @ 3/1 lb.; 1 lb. @ 3/3.
 „ Oxid. Rub. B.P. 7 lbs. @ 3/1 lb.; 1 lb. @ 3/3.
 „ Perchlor. B.P. 7 lbs. @ 2/7 lb.; 1 lb. @ 2/9.
 „ Subchlor. B.P. 7 lbs. @ 2/9 lb.; 1 lb. @ 2/11.
 Infus. Aurant. Co. Conc., 1 to 7. 6 lbs. @ 1/- lb.
 „ Buchu Conc., 1 to 7. 6 lbs. @ 1/3 lb.
 „ Calumbæ Conc., 1 to 7. 6 lbs. @ 11d. lb.
 „ Gentian. Co. Conc., 1 to 7. 6 lbs. @ 11d. lb.
 „ Quassia Conc., 1 to 7. 6 lbs. @ 9d. lb.
 „ Senegæ Conc., 1 to 7. 6 lbs. @ 1/10 lb.
 Lin. Aconiti Meth. 6 lbs. @ 11d. lb.
 „ Belladon. Meth. 6 lbs. @ 1/1 lb.
 „ Camph. Co. Meth. 6 lbs. @ 10d. lb.
 „ „ B.P. 40 lbs. @ 10½d. lb.; 9 lbs. @ 11½d.
 „ Saponis Meth., 6 lbs. @ 6½d. lb.
 Liq. Ammon. Acet. Conc., 1 to 7. 6 lbs. @ 9d. lb.
 „ „ Aromat. 6 lbs. @ 8d. lb.
 „ Bismuth et Ammon. Cit. B.P. 6 lbs. @ 10½d. lb.
 „ Morph. Acet. B.P. 6 lbs. @ 2/- lb.; 1 lb. @ 2/3.
 „ „ Hydrochlor. B.P. 6 lbs. @ 2/- lb.; 1 lb. @ 2/3.
 „ Rhæi pro Syr., 1 to 7. 6 lbs. @ 1/6 lb.; 1 lb. @ 1/9.
 „ Sennæ pro Syr., 1 to 3. 6 lbs. @ 1/3 lb.; 1 lb. @ 1/6.
 „ Tolut. pro Syr. 1 to 7. 6 lbs. @ 1/3 lb.; 1 lb. @ 1/6.
 Mel. Opt. Pale Set. 7 lbs. @ 5d. lb.
 Mist. Sennæ Co. B.P. 6 lbs. @ 7½d. lb.
 Morphina Acet. B.P. 25 ozs. @ oz.; 8 ozs. @ 1 oz. @ 8/4 (Hydrochlor. B.P. & Sulph. same prices).
 Ol. Caryoph. Ang. B.P. 5 lbs. @ 3/5 lb.; 1 lb. @ 3/8.
 „ Cinnamomi B.P. 1 oz. @ 2/6 oz.
 „ Eucalypti B.P. 9 lbs. @ 1/3 lb.; 5 lbs. @ 1/4.
 „ Juniperi Ligni. 9 lbs. @ 1/4 lb.
 „ Lavand. Gall. Opt. 1 lb. @ 8/6 lb.
 „ Limonis (Absolutely Pure). 1 lb. @ 4/6 lb.
 „ Menth. Pip. Hotchkiss. 21 ozs. @ 10/- lb.
 „ „ Wayne County. 9 lbs. @ 8/9 lb.; 1 lb. @ 9/- lb.
 „ Morrhua Norwegian Opt. 1909. 2 glns. @ 3/9 gln.
 „ Olivæ B.P. (Sweet). 1 gln. @ 6/- gln.
 „ Origanum Rub. Com'l. 9 lbs. @ 1/4 lb.; 1 lb. @ 1/7.
 „ Ricini Opt. Pharmaceutical. 40 lbs. @ 35/6 cwt.
 „ Santal. Flav. Ang. B.P. 1 lb. @ 10/9 lb.
 Oxymel Scillæ B.P. 7 lbs. @ 5d. lb.
 Paraffin Molle Alb. B.P. 28 lbs. @ 7d. lb.; 7 lbs. @ 8d.
 „ „ Flav. B.P. 28 lbs. @ 4d. lb.; 7 lbs. @ 4½d.
 Phenacetin B.P. Pulv. 7 lbs. @ 2/7 lb.; 1 lb. @ 2/9.
 Phenazonum B.P. 7 lbs. @ 6/10 lb.; 1 lb. @ 7/-.
 Potass. Acetas B.P. 1 lb. @ 1/3 lb.
 „ Bromid. B.P. 7 lbs. @ 1/- lb.
 „ Citras B.P. 7 lbs. @ 1/6 lb.; 1 lb. @ 1/7.
 „ Iodid. B.P. 3 lbs. @ 7/11 lb.; 1 lb. @ 8/2.
 Quinin. Sulph. B.P. 100 ozs. @ 6½d. oz.; 25 ozs. @ 7½d.; 10 ozs. @ 7½d.
 Sodii Bromid. B.P. 7 lbs. @ 1/3 lb.; 1 lb. @ 1/5.
 „ Hyposulph. Pea Cryst. 1 cwt. @ 8/-.
 „ Salicylas Pulv. 7 lbs. @ 1/5 lb.; 1 lb. @ 1/7.
 Spts. Ether. Nit. B.P. 5 lbs. @ 3/5 lb.; 1 lb. @ 3/8.
 „ Ammon. Aromat. B.P. 5 lbs. @ 2/7 lb.; 1 lb. @ 2/10.
 Strychnin. Hydrochlor. B.P. 1 oz. @ 1/10 oz.
 Syr. Ferri Phosph. Co. 7 lbs. @ 4d. lb.
 „ „ c. Quinin. et Strych. B.P. 7 lbs. @ 8d. lb.
 „ Hypophosph. Co. B.P.C. 7 lbs. @ 7d. lb.
 „ Pruni Virg. B.P. 7 lbs. @ 7d. lb.
 „ Rhei B.P. 7 lbs. @ 5½d. lb.
 „ Sennæ B.P. 7 lbs. @ 7d. lb.
 „ Tolut. B.P. 7 lbs. @ 5d. lb.
 Tinct. Aurant. Recens B.P. 5 lbs. @ 3/2 lb.
 „ Benzoin. Co. B.P. 5 lbs. @ 3/3 lb.
 „ Camph. Co. B.P. 5 lbs. @ 2/4 lb.
 „ Cardam. Co. B.P. 5 lbs. @ 2/4 lb.
 „ Chlorof. et. Morph. B.P. 1885. 5 lbs. @ 1/8 lb.
 „ Cinchonæ B.P. 5 lbs. @ 2/10 lb.
 „ „ Co. B.P. 5 lbs. @ 3/- lb.
 „ Lavand. Co. B.P. 5 lbs. @ 3/4 lb.
 „ Nucis Vom. B.P. 5 lbs. @ 2/8 lb.
 „ Opii B.P. 5 lbs. @ 3/- lb.
 „ „ Aquos. B.P. 5 lbs. @ 2/2 lb.
 „ Quinin. Ammon. B.P. 5 lbs. @ 2/4 lb.
 „ Rhei Co. B.P. 5 lbs. @ 2/1 lb.
 „ Scillæ B.P. 5 lbs. @ 2/4 lb.
 „ Zingib. Fort. B.P. 1885. 5 lbs. @ 4/- lb.
 Ung. Acid. Boric. B.P. 28 lbs. @ 6d. lb.
 „ „ Carbolic B.P. 7 lbs. @ 7d. lb.
 „ Hydrarg. B.P. 7 lbs. @ 1/10 lb.
 „ Resinæ B.P. 7 lbs. @ 10d. lb.
 „ Sulphuris B.P. 7 lbs. @ 9½d. lb.
 „ Zinci B.P. 28 lbs. @ 9d. lb.; 7 lbs. @ 9½d.
 Vinum Ipecac. B.P. 5 lbs. @ 1/5 lb.

5 & 7 Laburnum Street, Kingsland Road, LONDON, N.E.

TERMS: Cash with order.

Packages free.

Carriage paid terms on application.

Telegrams: "RUBIFIQUE LONDON."

Telephone: Dalston 612.

SURGICAL DRESSINGS.

ABSORBENT
COTTON LINTS.
FLAX LINTS.
ROLL BANDAGES.
COTTON WOOLS.



"GAMGEE TISSUE"
(Patent Absorbent Gauze and Cotton; Wool)
AND

ASEPTIC and
ANTISEPTIC
DRESSINGS.

MANUFACTURED BY
ROBINSON & SONS, COTTON SPINNERS, WEAVERS, Wheat Bridge Mills, CHESTERFIELD.
LIMITED, And BLEACHERS,
And 55 Fann Street, Aldersgate Street, LONDON, E.C.



This splendid Show Case
GIVEN FREE
with 1 gross OUTEM, £3 6s. 0d.
Cash with Order, Carriage paid.

Orders sent out in rotation as
received.

*We guarantee to deliver within
a fortnight.*

OUTEM CORN REMEDY CO.
DUDLEY WORC.

EPINEPHRIN.

EPINEPHRIN is Prof. Abel's name for the blood-raising principle of Suprarenal Capsules. It is sold under various trade names, for which see *British Pharmaceutical Codex*, page 62.

EPINEPHRIN has been made by us since 1906 of such a high degree of activity that '5 cc. of a solution of 1 in 1,000,000 invariably gives a distinct rise of pressure when injected into the blood stream.

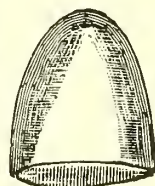
For Lists of Preparations and Prices apply to

BRADY & MARTIN, Ltd.


*Original Makers of Animal Extracts and Products, since 1891,
Northumberland Road, NEWCASTLE-UPON-TYNE.*

RENDELL'S

SOLUBLE QUININE PESSARIES.



THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in **RED INK**, are upon each box thus:

Registered
Trade Mark, 
without which
none are genuine.
No. 182,688.

W. J. Rendell
No. 182,688

Registered also in Australia, India, The Cape, The Argentine, Germany, &c.

IMPORTANT NOTICE AND CAUTION.

Several injunctions in the High Court of Justice having already been obtained (reports of which have appeared in "THE CHEMIST AND DRUGGIST"), W. J. RENDELL'S SOLICITORS are instructed to take proceedings against all persons (Makers or Vendors) fraudulently using the name of "W. J. RENDELL," "RENDELL," or any colourable imitation thereof in connection with Pessaries NOT manufactured by

W. J. RENDELL,
INVENTOR AND SOLE MAKER,
15 CHADWELL STREET, CLERKENWELL, LONDON, E.C.

THE "MASTER" ANTI-RHEUMATIC RINGS.

LUCRATIVE SIDE-LINE FOR CHEMISTS.

May be worn on any finger. Scientifically made from specially prepared Metals of remarkable galvanic and curative properties. Retain their power for any length of time.



No. 1501.
Ordinary width.



No. 1502.
Belcher shape.



No. 1503.
Chased.

	Covered in Rolled Gold.		9-carat Gold, stamped.		15-carat Gold, stamped.		18-carat Gold, stamped.	
	Retail Price.	Trade Price.	Retail Price.	Trade Price.	Retail Price.	Trade Price.	Retail Price.	Trade Price.
	Each.	Each.	Each.	Each.	Each.	Each.	Each.	Each.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
No. 1501 ...	4 6	2 6	7 6	4 6	15 0	9 6	21 0	13 6
1502 ...	7 6	4 6	10 6	6 6	18 6	11 0	24 0	15 0
1503 ...	6 0	3 6	9 0	5 6	18 6	11 0	24 0	15 0

The No. 1501, covered in Rolled Gold, is the best selling line. Special trade price per doz., 24s.
A SPECIAL DISCOUNT OF 5 PER CENT. FOR PROMPT CASH.

With each dozen rings we supply, gratis, a handsome plush-covered show stand. Also a supply of neat booklets with full descriptive matter. Regulation size measurement cards free.

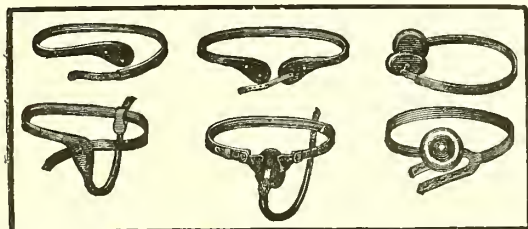
Carriage paid on Orders of £2 and upwards to any town in the United Kingdom.

We are the right House for Catheters, Enemas, Elastic Hosiery, Hot Water Bottles, Injection Syringes, Pessaries, Sponge Bags, Trusses, Water Beds, Water and Air Cushions, Waterproof Sheeting, and every description of India Rubber Goods.

WRITE FOR NEW ILLUSTRATED CATALOGUE, POST FREE. OUR GOODS ARE RIGHT AND PRICES LOW.

BURGE, WARREN & RIDGLEY, LIM., 91 & 92 GT. SAFFRON HILL, LONDON, E.C.

BAILEY'S



TRUSSES

WHOLESALE. ACTUAL MAKERS.
BEST QUALITY. BOTTOM PRICES.

MADE ON THE PREMISES.

Specials Despatched in 24 hours.

Illustrated Price List free

Bailey's Circular Trusses	23/-	37/-	Double.
" 2nd quality ...	16/9	31/6	
" Special "Marone," with Customer's Name in Gold...	26/-	43/-	

Correspondence invited. Best Shipping Terms. [1]

38 Oxford St., LONDON, W.

DISPENSING BOTTLES & PHIALS

I. ISAACS & CO.'S REDUCED PRICES.

106 MIDLAND ROAD, ST. PANCRAS, LONDON, N.W.

The New Shape, Oval Fronted Bottles 6 ounce size, 8/6 per gross

A Sample Free on Application.

FIRST QUALITY.

3 & 4 6 & 8 12 16 ounce. } Round edges, plain or
9/- 10/- 15/- 20/- per gross } graduated, quinine tinted.

SECOND QUALITY.

3 & 4 6 & 8 12 16 ounce. } Round edges, plain or
7/6 8/6 12/- 18/- per gross } graduated, clear blue tinted.

PANEL BOTTLES (reduced prices).

2 3 4 6 8 ounce

7/6 8/- 8/- 9/- 10/- per gross.

WHITE PHIALS—GOOD QUALITY.

1 1 1 2 ounce } Plain or teaspoons.

3/6 4/- 4/6 5/6 per gross }
Six gross and upwards, assorted or otherwise, sent carriage paid to any address in the United Kingdom. Smaller quantities not carriage paid.

Established 120 years. Bankers: London County and Westminster Bank

THE NEW 'ADAPTABLE' HOT WATER BOTTLE

(REGISTERED DESIGN.)

Suitable for many purposes for which the old-fashioned shape is useless

For BED WARMERS.
For CARRIAGES.
For MOTOR CARS.
For INVALIDS, &c.

Customers can have their names, &c. printed on reverse side.

LOW PRICES. BIG DISCOUNT.
Sole Manufacturers:—



The Fulham Pottery & Cheavin Filter Co., Ltd., FULHAM, LONDON, S.W.

FRED^K. FINK & CO.

10 & 11 MINCING LANE, LONDON, E.C.

SPECIALITIES: Dextrine—Gum Arabic—
Gum Tragacanth—Pure Beeswax—
Ceresine Wax—Honey, &c.

TO WHOLESALE BUYERS & SHIPPING MERCHANTS ONLY.

FOR ALL KINDS OF

CAPSULES & PERLES.

Hand-made or Machine made, "TYE'S" will ensure purity of
contents and best finish. Specially prepared to suit all climates.

JOHN TYE & SON — Manufacturing Chemists, —
(Established 1845), PACKINGTON STREET, LONDON, N.

EVERY DESCRIPTION OF

SPREAD PLASTERS—Surgical, Medical, Porous, &c.

(Rubber and Plumb Base),

BANDAGES, SURGICAL DRESSINGS

Sole Agents in Great Britain for

Bump's Crêpe and Lisle Bandages ("The Geneva").

LESLIES, Ltd., Spencer House, South Place, Finsbury, E.C.**KARSWOOD CREOSOTE**

For Cold in the
Head, Asthma,
Influenza, &c.

Prices 11/-, 27/-, 42/- per dozen, less 15%.
Minimum Retail Price, 1/-, 2/6, 4/- per bottle.

Carriage paid on 3 doz. lots. P.A.T.A. conditions. [2]

E. GRIFFITHS HUGHES, Chemist,
17 Deansgate, Manchester.

"KAVASAN" CAPSULES

(SANTAL COMPOUND and KAVA-KAVA).

36 Capsules in box, 18/- per dozen boxes. | 28 - per 1,000.
24 " " 12/- " " " | 3/6 per 100.

Name and address on one dozen boxes.
Samples (12 Capsules) on application.

MAWSON & Co., 213 High Rd., STREATHAM, LONDON, S.W.**HOT WATER BOTTLES**

Only the finest Rubber and best English Workmanship employed in
their manufacture. Satisfaction guaranteed.

PRICES LOW. QUALITY HIGH.

F. SCHUTZE & CO.

Black Bull Works, Caledonian Market, London, N.

CARBOLIC ACID.

Crystals, Liquid, Crude, Refined. Soluble Dis-
infectant Fluids and Powders, &c.

WHOLESALE AND EXPORT ONLY

HOLLINGSHURST & CO., 112 FENCHURCH ST., LONDON, E.C.**NATURAL HISTORY.**

We stock every description of APPARATUS, CABINETS,
BOOKS, and SPECIMENS for COLLECTORS of BIRDS'
EGGS, BUTTERFLIES and MOTHS, PLANTS, &c.

CATALOGUE POST FREE.

WATKINS & DONCASTER, 36 Strand, London, W.C.**PRECIPITATED CHALK.**

EXTRA LIGHT AND ALL GRADES TO SUIT EVERY PURPOSE.

CHEAPEST SELLERS IN THE MARKET.

AUG. LEVERMORE & CO., 8, 9 & 10, Great St. Helen's,
LONDON, E.C.

TELEGRAMS: "LEVERMORE, LONDON." TELEPHONE: 4613 CENTRAL

**"SILVERY WHITE CUTTA PERCHA ENAMEL"
TOOTH STOPPING****PASTEVEN'S**

P. A. STEVENS, Surgeon-Dentist,
Mansfield Rd., S. Hampstead, N.W.
Sole Proprietor & Manufacturer.

TRADE MARK. Registered No. 2745. Special Terms to Wholesale Houses for
Sheet or Sticks stamped with their own name. A sample box of 3d. sticks sent
post free for 12 stamps. Price list and sample free.

GRAPELAX.

By SPECIAL APPOINTMENT to the GREEK ROYAL FAMILY.

The Ideal Tonic Laxative for Children.

GRAPELAX pleases the Trade. It is on the P.A.T.A. list with re-
munerative terms.

GRAPELAX pleases the Medical Profession. There is no mystery
or deceit.

GRAPELAX pleases the Public, for it is a genuine and effective and
palatable medicine for Children.

Order from the Wholesale
houses, or direct from **GRAPELAX, LTD.,** 379 STRAND, W.C.

GREATEST & LATEST DISCOVERY IN MEDICINE.

DR. HOFFMAN'S Celebrated RHEUMATIC POWDERS.

ACT LIKE A MIRACLE. Will cure permanently all forms of Rheumatism,
Sciatica, Gout, Neuralgia, Excess of Uric Acid, &c. Endorsed by the leading
Medical Profession and general public in all parts of the world. Contain no
injuriously drugs, poison, or any kind of narcotic.

Price 9/- per doz.; Retail, 1/11. Large size, 28/- per doz.; Retail, 2/9.

Wholesale Agents: Dutler & Crispe, W. Edwards & Son, Barclay & Sons,
Sangers, May, Roberts & Co., &c.

Prepared only by **INTERNATIONAL CHEM. CO.** 324 Caledonian Rd., London.

Dentistry

FOR DENTISTS AND CHEMISTS REQUIRING
RELIABLE WORKMANSHIP.

Most Perfect Workmanship. Best Materials, and Artistic Finish Guaranteed.

My Assistants are the pick of the London Dental Mechanics.

Price List of **A. G. FENTIMAN,** 42 Bishopsgate Without,
LONDON, E.C.

Telegrams: "FENTIDENT LONDON." Telephone: London Wall, 7.

DIABETES

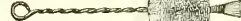
FOODS AND GLUTEN PRODUCTS.

CALLARD & CO., 74 Regent St., LONDON.

ESTABLISHED 1886.

W. G. NICHOLLS & Co.

TRADE MARK



Wholesale and Export

Wire and Bristle Brush Manufacturers,

66 CLIFTON ST., FINSBURY, E.C.

Tube, Flue, Feeding Bottle, Fancy Pipe Condenser & Decanter,
Chemical, Mineral Water and Beer Bottle Brushes.

No connection with others assuming same name.

First - Class Mechanical Dentistry.

Reliable workmanship. Popular prices. Moderate charges for gold,
D.A., Tubes, Seamless Gold Crowns, Sections, Vulcanite, &c. Ash's
and D.M.Co. Teeth and Rubber guaranteed. Punctuality strictly
observed. List free. Trial case solicited. Gold and D.A. work a
speciality. Special cheap rates for show case pieces. 16 years' ex-
perience of first-class mechanical dentistry.

E. C. HALDER, 46 New Cross Road, LONDON, S.E.

DENTISTRY

(Mechanical.)

EXPERT WORKMANSHIP. PROMPT SERVICE.
POPULAR PRICES. GUARANTEED MATERIALS.

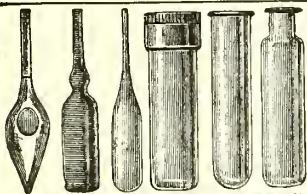
"Dentistry for Chemists" post free. "Everyday Dentistry," 3/6.

F. C. WARDALE & CO., 132 High Street North, East Ham.
Tel. No. East Ham 174. Tel. Address "Eladraw London."

TOBACCOS! CIGARS! CIGARETTES!

Every known Brand at Manufacturer's own List Prices. Endless variety of Tobacconists' Fancy Goods & Shop Fittings. The Trade only supplied. Opening orders a Speciality. Send for Price List.

SINGLETON & COLE, Ltd., Cannon Street, BIRMINGHAM, AND BRANCHES.



JOS. ZAHRADNIK,
Glass-ware manufactory Miletin,
BOHEMIA, AUSTRIA.

Glass-packings for chemical-pharmaceutical purposes. All surgical and medical necessities in glass for hygiene and the treatment of the sick. Chemical-physical glass instruments of all kinds.

ARTIFICIAL TEETH

FROM MODELS OR IMPRESSIONS.

FRED. H. BARKER, *Dentist to the Profession,*

The only address: 4 Town Hall Street, GRIMSBY.

Revised Price List free.

Established 1882.

A REAL NOVELTY.

EAR MOPS

For cleaning the cavity of the ear.

In neat box, retail 1s.

Please write for Sample Box.

COOPER, 20 ROYAL EXCHANGE, E.C.

DENTISTRY

For Dentists and Chemists requiring Reliable and Perfect Workmanship and Artistic Finish.

PUNCTUALITY GUARANTEED.

Personal supervision to every case. Price List of

Messrs. TAYLER & CO., 33 Camden Park Rd., London, N.W.

DENTISTRY FOR DENTISTS

by FENTIMAN & CO. (A. J.),

Practical Dentists in Gold, D.A. Tubes, Crowns, Gum Sections, Vulcanite, Celluloid, Strengthened Rubber, Reg. Cases (Angles'), Obturators, &c.

Telephone: 9977 London Wall. Telegrams: "Lullingly London."
Postal—East Smithfield, Tower Bridge. Established 1835.

NO OTHER ADDRESS.



880s LIQUOR AMMONIA

Pure by Chemical Analysis. Equalled only by VOLCANIC AMMONIA.

Sold to large Wholesale Drug Houses over 30 years, and has given the highest satisfaction.

BROWN & BLACKBURN, (Sales Dept.,) THONGSBIDGE, HUDDERSFIELD. [1876.]

"RATTO" Reg. is a specially prepared BAIT FOR RATS, MOLES AND BEETLES.

No Cut Prices. 6d., 1/-, 2/6 & 5/- at 3/9, 7/6, 22/- and 44/- doz.

CHEMISTS REQUIRED AS AGENTS. Special terms and advert. in local papers arranged: plenty of advertising matter. Please send a trial order to any London Wholesale House. Large tins neatly cartonnaged. Sale requires no registering. Sole Proprietors: F. FARMER & CO., 17 Poole Road, South Hackney, LONDON, N.E. (For Home & Export).

Dr. LOCOCK'S PULMONIC WAFERS.

WHOLESALE ONLY

DA SILVA & CO., 2 South King St., Manchester.

Dog, Cat, & other Veterinary Medicines WILL INCREASE YOUR SALES.

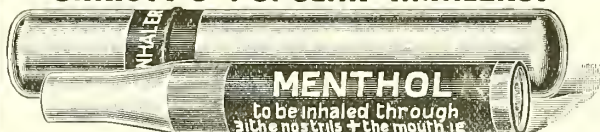
LIBERAL TERMS.

HIGH CLASS GOODS.

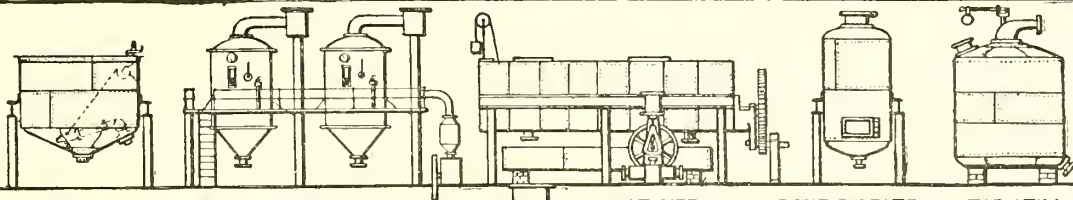
Books on Disease, Show Cards and Pedigree Forms sent free.

THE "WILSON" VET. MED. MANUFACTURING CO., LTD. ASHFORD, MIDDLESEX, ENGLAND.

CHRISTY'S POPULAR INHALERS.



3d. size 1/9 dozen AT 4 OLD SWAN LANE.



SOAP PAN.

EVAPORATORS.

CAUSTICIZER.

BONE DIGESTER.

TAR STILL.

SOAP PLANT. CAUSTICIZING PLANT. EVAPORATORS.

GLYCERINE PLANT. E. FORSHAW & SON, LTD. FANCY MILLED SOAP PLANT.

TELEPHONE No. 123.

SOAP AND CHEMICAL ENGINEERS, MERSEY BOILER WORKS, WARRINGTON, ENGLAND.

ESTABLISHED 1848.

MUTER'S SCHOOL OF PHARMACY

WINTER TERM started OCTOBER 4
INCLUSIVE FEE until JANUARY £8 8s.

HALF TERM NOVEMBER 10
INCLUSIVE FEE until JANUARY £4 14s. 6d.

EVENING CLASSES are held on MONDAYS, WEDNESDAYS, and FRIDAYS, from 7 p.m. to 9 p.m. FEES from £1 5s. to £3.

Special arrangements can be made for "part time" Students.

For full particulars, apply—

The SECRETARY, 325 KENNINGTON ROAD, LONDON, S.E.

LONDON COLLEGE of CHEMISTRY, PHARMACY, and BOTANY.

Principals: { HENRY WOOTTON, B.Sc. (Lond.)
{ ARTHUR KIRKLAND, Ph.C.

Systematic Courses of Lectures, Classes, and Practical Work in Preparation for the Pharmaceutical Examinations.

Complete courses of Lectures, Classes, and Practical Work—

MINOR JANUARY 24th. Fee 9 guineas to April; 17 guineas to July.
MAJOR JANUARY 5th. Fee 6 guineas to April; 12 guineas to July.
APOTHECARIES' HALL ... OCTOBER 28th. Fee 10 guineas to April; 5 guineas to three months.

COLLEGE OF PRECEPTORS, JANUARY 5th. Fee 4 guineas for three months.

Applications for Banches, &c., should be made as early as possible.

EXAMINATION RESULTS.—A larger number of Students have passed the Pharmaceutical Examinations from the London College, since its establishment, than from any other School.

For Prospectus, &c., apply to—

The SECRETARY, London College of Chemistry & Pharmacy,
323 CLAPHAM ROAD, LONDON, S.W.

NORTH OF ENGLAND SCHOOL OF CHEMISTRY AND PHARMACY, 55 Northumberland St., Newcastle-on-Tyne.

Principal: J. STABLEFORD HILL, Ph.C.

Thorough Preparation for MINOR, MAJOR, and APOTHECARIES' HALL EXAMINATIONS.

FEES MODERATE & INCLUSIVE

Short Course for October Examination commenced MONDAY, AUGUST 16th.

Winter Term commenced OCTOBER 4th.

Early Application should be made to the PRINCIPAL.

THE BATH & WEST OF ENGLAND

COLLEGE of Chemistry & Pharmacy

DAVID J. WILLIAMS, F.C.S., Ph.C., Silver Medallist, Principal.

ECONOMY. EFFICIENCY. INDIVIDUAL ATTENTION.

During past two years the average results have been

OVER 70 %

and on two occasions 100 % has been obtained in Practical and Theoretical.

PREPARATORY POSTAL TUITION A SPECIALITY.

Distinction 1909.—Fairchild Scholarship, £50, Mr. B. Hall.

FEES: 1 Guinea, 3 Guineas, and 5 Guineas
Ten per cent. reduction in College fees to Correspondence Students on entrance.

For Terms and Prospectus apply The SECRETARY,

Bath & West of England College of Chemistry & Pharmacy,
6 Cleveland Place East, BATH. (Tel. No. 827).

WESTMINSTER COLLEGE

OF

CHEMISTRY AND PHARMACY.

Copy of Letter Received October 5th, 1909.

MR. G. S. V. WILLS,
DEAR SIR,

LEEK, STAFFS

Four months ago I arrived in England after a rather lengthy sojourn on the Continent, possessed of a timorous hope and a half-formed resolve. Whilst abroad my eyes had encountered a modest exposition of the advantages to be obtained in undergoing a Course of your Postal Instructions for "Minor" aspirants, and possessing but a little capital I came over to try it. I received my first batch of lectures by return, together with an encouraging friendly letter, and after seriously perusing them my timorous hope gradually swelled into a great expectation, and my partial resolve into fixed determination—the "Minor" should be mine. I held in my possession a f-w of the pieces of a powerful armament which has been so effective in storming that very strong fortress, the Minor Examination. What was required was a concentration of the whole battery and a proper marshalling of troops. Week by week I added to my number of guns, and then came to Westminster College for instruction in dealing adequately with the troops of subjects indicated in the Minor Syllabus, and I have no reason to regret this second step I took. You, Mr. Wills, are a war-worn veteran, and your consummate generalship has evoked in me an inexpressible admiration. The strategies of war you are so well versed in and the flanking movements you so acutely counselled, the fire and undragging energy you possess, which a thousand battles have but intensified, stamp you as the foremost leader of aspiring students. At the end of five weeks the outer of the enemy's defences was carried, and a few days later the siege terminated with a blare of trumpets. Mine was the victory and you, Mr. Wills, were the victor. Not knowing whether I stood on my head or my heels, my name was pronounced, and I received the congratulations of the President of the Pharmaceutical Society.

I am now addressing to you this letter, wishing to convey some little portion of the respect and admiration I shall always entertain for you.

Yours, etc., L. W. BILLINGTON.

The Next Term will commence on Jan. 4, 1910.

FOR SYLLABUS, &c., APPLY TO:

G. S. V. WILLS, 402 Clapham Road, London, S.W.

"Oni heuir ni fedir."

THE LIVERPOOL SCHOOL OF PHARMACY 18 COLQUITT STREET, LIVERPOOL.

Principal—H. HUMPHREYS JONES, F.C.S., Ph.C. (Analytical Chemist).

UNEXCELLED FACILITIES, INDIVIDUAL ATTENTION,
EXCELLENT RESULTS.

The following five candidates, and the ONLY FIVE, who presented themselves for the last examination in London from above institution WERE SUCCESSFUL:—

Miss Isabel Davey, Liverpool; Mr. Edmund Cartmell, Kirkoswald, R.S.O.; Mr. W. W. Cowap, Taporley; Mr. A. E. Hammett, Waterloo; Mr. E. Herbert Jones, Amlwch.

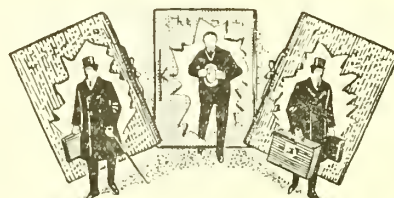
Also Frank D. Atherton, at Edinburgh.

The above unexcelled result is a proof of the thoroughness of the tuition offered at the Liverpool School of Pharmacy.

HALF TERM COMMENCES NOVEMBER 8th.

Prospectus, containing valuable information for Minor Students, may be had post free from Principal.

A Salesman in Every Booklet.



NOW is your time to advertise PERFUMERY, PERFUMERY SPRAYS, SACHET POWDERS, INVALID REQUISITES, &c., &c. Send out a dainty Christmas booklet—a 30¢ MIDGET is what you need. This is not a stock booklet, so write to-day to

F. A. DEGEN, the Chemists' & Druggists' Ad Expert, c/o Chemist & Druggist, 42 Cannon Street, E.C.

WAKE UP

PHOTO CHEMISTS.

HANDLE LIVE STUFF.

The NAME Sells it.

Also supplied in plain wrappers.

POSTALS ^{PRIZE} BRAND.

P.O.P. ... 2/6 100
Gaslight & Bromide 3/4 100

WORKING PROFITS.

Let us Sample You. Agents Wanted.

HALIFAX PHOTOGRAPHIC CO.

Lilywhite Works, Halifax.

Telephone: 1041 & 1041a.

CLINICAL THERMOMETERS AND THERMOMETERS

FOR ALL PURPOSES.

WRITE FOR PRICE LISTS.

Special Quotations to Wholesale Buyers.

Being actual makers, we are in a position to give the best quality at the lowest possible prices.

PERKEN, SON & CO. LTD.

ESTABLISHED 1852.

Contractors to H.M. Government,
99 Hatton Garden, LONDON.

Near the British Museum.

KINGSLEY HOTEL

HART STREET, BLOOMSBURY SQUARE, LONDON.

Opposite the British Museum.

THACKERAY HOTEL

GREAT RUSSELL STREET, LONDON.

These well-appointed and commodious TEMPERANCE HOTELS have Passenger Lifts, Electric Light throughout, Bath Rooms on every floor, Lounges and spacious Dining, Drawing, Writing, Reading, Billiard and Smoking Rooms, Heated throughout.

Fireproof Floors, Perfect Sanitation, Telephones, Night Porters. Bedrooms, including attendance, from 3/6 to 6/-

Full Tariff and Testimonials on application.

TELEGRAPHIC ADDRESSES { Kingsley Hotel, Thackeray Hotel,
"Bookcraft London." "Thackeray London."

Inclusive Charge for Bedroom, Attendance, Table d'Hôte, Breakfast and Dinner, from 8/6 to 10/6 per day.

COD LIVER OIL



WINTER is coming upon us very rapidly, and you will be frequently asked for COD LIVER OIL and EMULSION. We ask you to TRY our COD FISH ADVT.

We supply 10,000 for 35/- with matter on back, and give one of our large 'Cod Fish' Window Display Cards, 18 x 7.

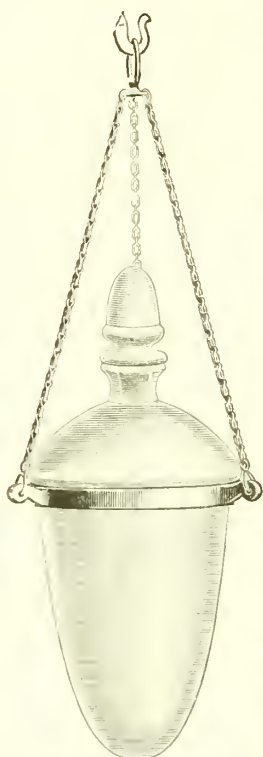
HARRISON & WAIDE, Medical Printers, LEEDS.

Smart, attractive, catchy Printing of every description.
Set of Samples, 6d. For Colonies, 10/6, which is credited to £5 orders.

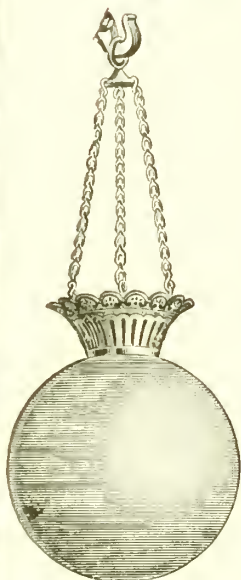
TOOGOOD'S HANGING CARBOYS



1785.



2190.



1786.

No. 1785. 3 gallons,
28/- each. Length,
including chains, 36 ins.

No. 1786.—2 gallons,
21/- each. Length,
including chains, 28 ins.

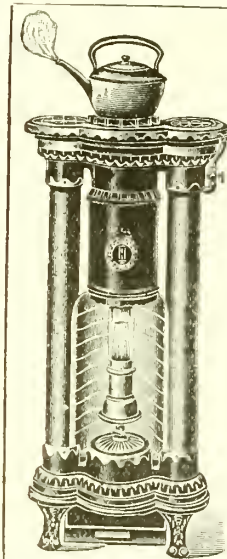
No. 2190.—3 gallons,
38/- each. Length,
including chains, 36 ins.

Brass Brackets for above
16/- each extra.

Above Prices are subject
to 7½ per cent. 1 month.

WILLIAM TOOGOOD, LTD.
77 SOUTHWARK STREET, LONDON, S.E.

PURE HEAT— WITHOUT SMOKE OR SMELL CLARK'S PATENT HYGIENIC "SYPHON" STOVES.



The heat generated by the "SYPHON" STOVE is absolutely pure, and no fumes or smell can pass into the apartment.

The "SYPHON" is admirably adapted for heating Chemists' and Druggists' Shops and Stores. The heat is evenly diffused, and can be regulated at pleasure.

NO FLUE IS REQUIRED.

**TO CHEMISTS AND DRUGGISTS.
AGENTS WANTED.
A LIBERAL DISCOUNT ALLOWED.**

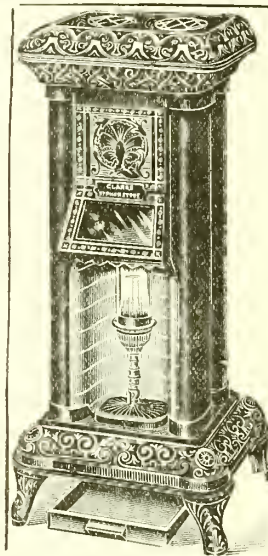
SUPPLIED TO
His Majesty the King.
Her Late Majesty Queen
Victoria.
H.R.H. Duke of Connaught.
H.R.H. Princess Henry of
Battenburg.
H.R.H. the Late Duke of Saxe-
Coburg-Gotha.

WRITE FOR NEW SEASON'S
CATALOGUE, FREE.

S. Clark & Co.

Compton Works,
HIGHBURY, LONDON, N.

Telegrams:
"Siphon Stoves London."
Telephone: 1,777 North.



SHOP FRONTS & FITTINGS

FOR
CHEMISTS and DRUGGISTS.

Inquiries invited.

Catalogues free on application to—

PARNALL & SONS, LTD., *Narrow Wine St.,* **BRISTOL.**

LONDON: 10 Rood Lane, E.C.

SWANSEA: 12 Alexandra Road.

WINDOW SHELVES FOR XMAS

Three plate glass shelves, 6 ins., 8 ins., and 10 ins. wide, polished fronts and ends; Two 5 ft. standard bar uprights, tapped every 1 in.; Six bronzed brackets and screws, complete; 3 ft. long, 25s.; 4 ft., 30s.; 5 ft., 35s., net. Other lengths and widths pro rata.

AYRTON-GRAHAM, Limited.
Shop Fitters, 106 Duke Street, LIVERPOOL.

PATENT COUNTER SHOWCASES FOR CHEMISTS.

Puts all other cases in the shade, presents a splendid appearance, prevents loss and damage, pushes sales & increases your turnover. *Prices on application.*

MARK CONGDON & SON,
Shopfitters, 25 COWPER ST., LONDON, E.C.
Phone—1847 Central.

TELEGRAMS:
BEATSON ROTHERHAM.

ESTABLISHED 1751.

TELEPHONE: 88.

BEATSON & Co.

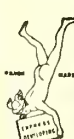
HIGH-CLASS DISPENSING BOTTLES, VIALS, &c.

RECESS LABELLED SHOP ROUNDS. MEASURES, &c.

**MEDICAL
GLASS MANUFACTURERS**

ROTHERHAM, YORKS.

CONTRACTORS TO THE ADMIRALTY.

 *Express Developing Co.*

(REGISTERED.)

Telephone Number: LONDON WALL 4793.

OUR
ANNOUNCE-
MENTS WILL
APPEAR IN
THE
FIRST ISSUE
OF EVERY
MONTH.

THE TRADE HOUSE FOR PHOTO ENLARGEMENTS AND COLOURED MINIATURES.

 **WE CATER EXCLUSIVELY FOR CHEMISTS.**

Their requirements are our special study.

Roll Films developed and despatched day after receipt.

CARBONS.

PRINTING IN ALL PROCESSES.

POSTCARDS.

WRITE FOR PRICE LIST AND PARTICULARS OF OUR PROFITABLE SIDE LINES.

EXPRESS DEVELOPING CO., 86 High Street, Whitechapel, E.C.



THE NATURAL MINERAL WATERS OF

VICHY

(STATE SPRINGS)

CÉLESTINS For Diseases of the Kidneys, Gravel,
Gout, Rheumatism, Diabetes, &c.

GRANDE-GRILLE For Diseases of the Liver and
Biliary Organs, &c.

HOPITAL For Stomach Complaints, Indigestion, &c.

VICHY-ÉTAT PASTILLES Two or three Pastilles after each
meal facilitate digestion.

VICHY-ÉTAT COMPRIMÉS For instantaneously producing an
effervescing alkaline water.

Price Lists, Show Cards, Dummy Bottles, Pamphlets, &c.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the
word "VICHY-ÉTAT" and the name of the SOLE AGENTS:—

INGRAM & ROYLE, LTD., 26 UPPER THAMES STREET, E.C. And at LIVERPOOL and
BRISTOL.

A. MILLAR & CO., LTD., DUBLIN

PURE ORANGE WINE

(VINUM AURANTII, B.P.), prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)

London Agent: JAMES STIRTON, 23 ST. DUNSTON'S HILL, E.C.

SODAWATER MACHINERY

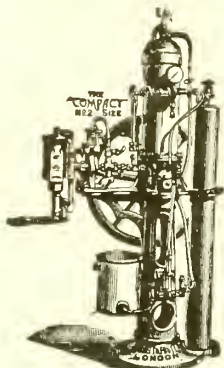
THE "COMPACT" MACHINES

are specially designed for
CHEMISTS, GROCERS, RESTAURATEURS,
and everyone to whom space is an object,
and can be used for filling Syphons, Codd's
Bottles, or Cork Bottles.

**OCCUPY LITTLE SPACE!
ARE READY FOR USE IMMEDIATELY!
REQUIRE NO FIXING!**

Produce Soda Water, Lemonade, &c., of the
highest class and greatest purity.

Write for Catalogue.



**A COMPLETE APPARATUS—
CAPABLE OF PRODUCING OVER
300 DOZEN LARGE BOTTLES
OF AERATED WATER PER DAY
—from £20.**

Bottles, Boxes, Essences, and all
Requisites for the Trade at
Lowest Prices.

BARNETT & FOSTER, Niagara Works, 26th Eagle Wharf Road, N.

Proprietors of Galloway, Bros., Bolton.

"SOLAZZI" LIQUORICE JUICE

THE CHEMISTS' BRAND.

'The Lancet' says: 'Of Standard Purity'

Recommended also by 'The British Medical Journal,' 'Health,' 'The Chemist and Druggist,' 'Food and Sanitation.'

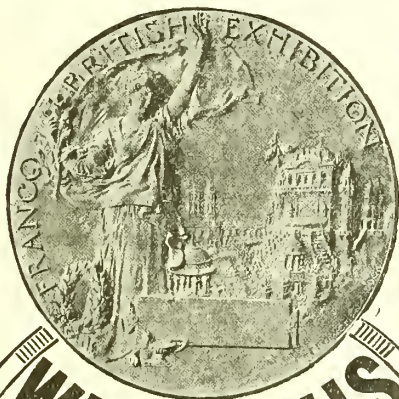
ASK FOR SHOWCARDS AND HANDBILLS. To be obtained of all Wholesale Houses.

Chemists looking for the most profitable, attractive, and unique lines for the Winter Season, should write for Price List from

A. WANDER, Ph.D.,

1 & 3 Leonard Street, City Road, LONDON, E.C.

The
Gold
Medal
Wine
Tonic



London.
1908.

WINCARNIS

DO YOU Stock it? It means quick sales and a steady profit if **YOU DO**

SEND FOR LIST.

All Registered Chemists can sell Wincarnis with Quinine without a licence. Why not you?

Medical men in your district order it often, and there is a large public demand. [18]

By Special Appointment to the King & Queen of Spain.

COLEMAN & CO., LTD., 21 Wincarnis Works, NORWICH.

BELOW ARE JUST A FEW OF HORNER'S

SPECIALITIES, for which they are renowned all over the world . .

Vittoria Liquorice Juice.

High-class Trimmed and Powdered Rhubarb.

Genuine Otto of Roses.

Absolutely Pure English-distilled Sandalwood Oil.

Best Selected Druggists' Opium.

Cut Sarsaparilla of all kinds.

Powdered Ipecac. and Jalap.

A large stock of all Gums, Roots, Barks, &c., in ordinary form and powder, always kept.

HORNER & SONS,

24 GEORGE STREET, TOWER HILL, E.C.

(Late of Mitre Square, Aldgate), and 20 BUCKLESBURY.



TRUMILK

Trumilk full cream is milk unskimmed and reduced to a powder. In flavour and appearance it is exactly the same as new pasteurised milk, and it easily dissolves in cold water. The production of Trumilk has solved the problem of keeping milk indefinitely in its natural condition. Trumilk can be kept conveniently on hand so that users can be quite independent of the milkman, and when the required amount of water is added, it is in every way equal to milk fresh from the cow. Please write to-day for full particulars to

WALTER HEPWORTH, HARWICH, ESSEX.

Established
1855.

ROBINSON'S ORIGINAL

Excise Drawback on
Export Orders.

CONCENTRATED WATERS.

STANDARDISED TO B.P. 1898.

When diluted in the proportion of one part to forty parts of water at 60° temperature, they faithfully represent the Medicated Waters of the British Pharmacopœia. They are always of uniform strength, and will keep good any length of time in any climate.

Aqua Amygd. Amar. Conc. (U.S.)	4/- per lb.	Aqua Cassiæ Conc.	4/- per lb.	Aqua Menth. Virid. Conc.	4/- per lb.
" Anethi, Concent.	4/- "	" Flor Aurant.	8/6 "	" Pimentæ "	4/- "
" Anisi	4/- "	" Sumbuci Conc.	8/6 "	" Pulegii "	4/- "
" Camphoræ "	4/- "	" Fœniculi Conc.	4/- "	" Rosemarini "	4/- "
" Carui	4/- "	" Menth. Pip. Conc.	4/- "	" Rosæ "	8/6 "
" Cinnam. Ver. Conc.	6/- "	" Ang. Conc.	6/- "	" Virgin "	10/6 "

The above may be had in ½-lb., 1-lb., or 1-lb. Bottles and upwards, through most of the Wholesale Drug Houses.

Each Bottle has the Inventor's Protection Label over the cork, without which none are genuine.

SUPERIOR ORANGE WINE (Vin. Aurantii, B.P. 1898).

Samples of any of the above set free on application from

R. ROBINSON & CO., LTD., Distillers and Brewers of British Wines. **CHURCH ST., PENDLETON, MANCHESTER.**
Telephone: 138 Pendleton.

New
Patents.
Always
Up-to-date.

FIVE
GOLD
MEDALS



O'BRIEN'S Self-closing

THE STANDARD
CHECK TILLS.

CHECK TILLS

Quickest, Safest, Best and Cheapest. Made in Solid Mahogany throughout.
ALL THE LATEST AND GREATEST IMPROVEMENTS

TESTIMONIAL, 25th Feb., 1908.
"I should like to express my entire satisfaction with the way in which the Till has served me. I have never had the least trouble with it, and practically it is as good as ever." (Signed) E. W. ROBERTS. (Till six years in use.)

PRICES FROM TWO-AND-A-HALF GUINEAS.

London Showrooms: 281 & 282 High Holborn.

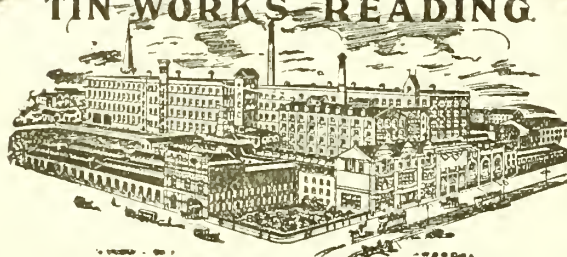
Send for Full
Price List to

THOMAS O'BRIEN, Slater Street, Bold Street, LIVERPOOL

HUNTLEY, BOORNE & STEVENS, LTD

TIN-WORKS, READING.

**COLOR
PRINTERS
ON TIN.**



MAKERS OF HIGH-CLASS
DECORATED & PLAIN TIN BOXES
& SPECIALITIES FOR CHEMISTS

Quotations to samples
or descriptions.

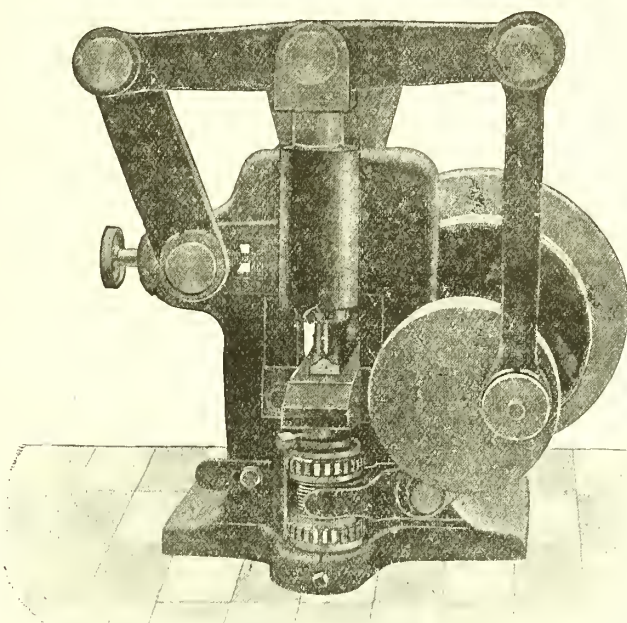
CORRESPONDENCE INVITED

Telegrams
"Tinworks Reading." National Telephone, 28

TABLET MACHINERY.

Tablet
Machines
in 3 sizes, to
produce
Tablets from
 $\frac{1}{8}$ " to $1\frac{1}{4}$ " dia.

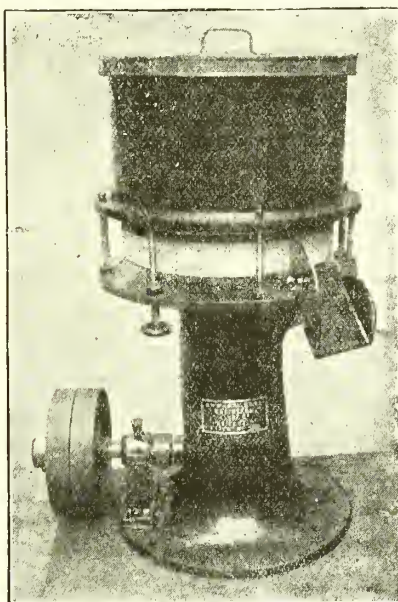
Also
Lozenges
of all shapes.



A new type
of Machine
in which
ease of
adjustment
and rapidity
of changing
dies is a great
feature, also
strength and
simplicity.

- THE - "SPEEDY" OINTMENT MILL.

The Machine
that is used
in
60 British
Laboratories.



EMULSIFIERS,
MIXING
MACHINES,
GELATINE
CAPSULE
MACHINERY,
&c., &c.

S. W. WILKINSON & CO.

Engineers and Specialists in Pharmaceutical Machinery,

LITTLE HOLME ST. WORKS, BRAUNSTONE GATE, LEICESTER.

SPRAY PRODUCERS

MOUTH, THROAT, &c.



Fig. 30.

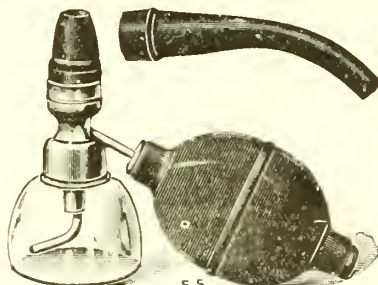


Fig. 12.

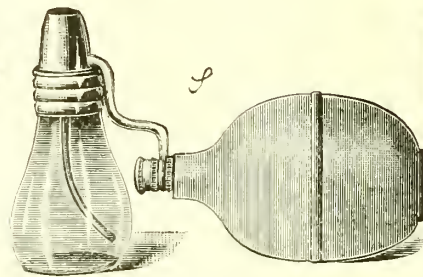


Fig. 31.

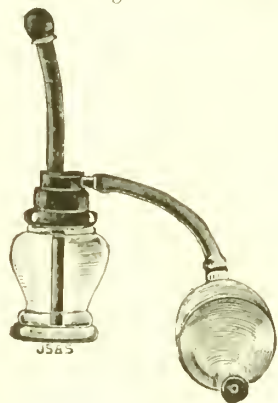


Fig. 27.

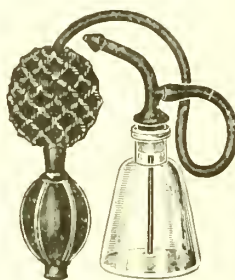


Fig. 1.



Fig. 35.

Fig. 30.—A PERFECT OIL VAPORISER, for diseases of nose, throat and lungs. The thickest oils are reduced to a cloudy vapour. Vulcanite Mounts. Each **3 11** nett.

Fig. 12.—NASAL or THROAT ATOMISER, complete in box, each **2 3** nett. Spare Bulbs, each **11d.** nett.

Fig. 31.—A POWERFUL ATOMISER, with improved valves for use with vaseline or solid ointments, Nickel Mounts, each **3** - nett.

Fig 27.—MOUTH, THROAT, &c., for oil and heavy liquids, Combined Nebuliser, &c., each **2 6½** nett.

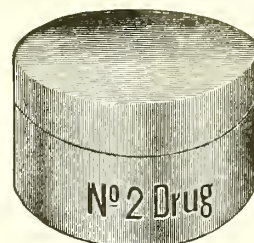
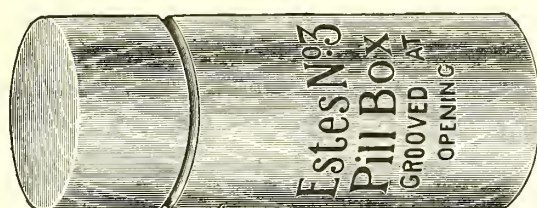
Fig. 1.—FITTED WITH BEST BLACK DOUBLE BELLOWS, Vulcanite Mounts, 2-oz. bottle, complete in box, per doz. **11 2** nett.

Fig. 35.—THE "REGNAS" UNIVERSAL THROAT SPRAY, complete in box, Vulcanite Mount and Red Single Bellows, per doz. **8, 6** nett.

MANY OTHER KINDS ALWAYS IN STOCK.

Sangers

258 EUSTON RD.,
N.W.



Cheapest Boxes of any description made in the World.


ESTABLISHED 1847.

ESTES'

American Turned

Wooden Boxes & Wooden Bottles

... FOR ...

PILLS, POWDERS, WAFERS, TABLETS,
DRUGS, CHEMICALS, and LIQUIDS. 

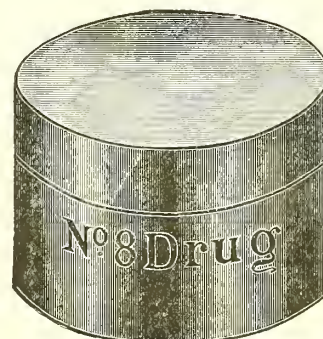
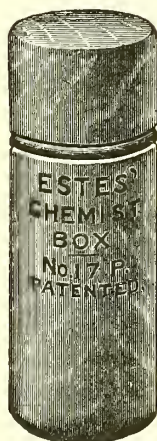
Also Mailing Cases & Syringe Cases.

E. B. ESTES & SONS, NEW YORK, MANUFACTURERS.

MAY, ROBERTS & CO.

7, 9, & 11 Clerkenwell Road, London, E.C. **LTD.**
— 16 Westmoreland Street, Dublin. —

SOLE AGENTS FOR THE UNITED KINGDOM.



By Royal Warrant to
H.M. The King.



By Royal Warrant to
H.M. The King.

Only
ONE
Address.

DAY & SONS, ESTABLISHED 1840.
CREWE, LTD. (CREWE)
HORSE, CATTLE, SHEEP & DOG MEDICINES.

Only
ONE
Address.

LARGEST SALE IN THE WORLD.



DAYS' BLACK DRINK

Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills, and Low Condition in all Stock.

Price 1/8 per bottle.

DAYS' HUSKOLEIN.

Almost infallible for Tape Worms in Lambs and other Animals; for Husk or Hoose in Calves, Lambs, &c. A speciality for Worms in Horses and Colts.

6/6 per bottle.

DAYS' "ZOMO-SAL."

For Blood Disorders, Humours, General Weakness, Surfeits, Indigestion, Sterility, &c., in Horses and Beasts. Promotes Growth of Bone. Makes animals "fit" for Show or Sale.

In Canisters at 7/6, 20/-, and 40/-

DAYS' RED DRINK

OR COW DRENCH.

For Costiveness, Loss of Oud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for calving. Prevents Milk Fever, and cures Bad Cleansing.

12/- per doz. packets.

The Ewe Drench for Ewes, 3/6 per doz.

DAYS' OILS

(THE PURIFIED DRIFFIELD OILS)

Heal all Wounds in Horses, Cattle, and Sheep, Sore Teats and Swollen Udders in Cows and Ewes. For Anointing in difficult Lambing or Calving.

2/6 and 6/- per bottle.

DAYS' WHITE OILS.

A Safe Embrocation for Sprains, Swellings, Windgalls, Sprung Sinews, Rheumatism, Sore Throat, Weak Joints, &c.

2/6 and 6/- per bottle.



DAY & SONS' "ORIGINAL" MEDICINE CHESTS

Price £1 4s., £2 4s., £5, and £10 10s.; Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any class of stock. WHEN ORDERING PLEASE STATE REQUIREMENTS.

The Chest Illustrated is similar to that at £5 and £2 4s.

Great Specialities.

ONLY GENUINE FROM
DAY & SONS, CREWE, LTD.
CREWE, ENGLAND.

LIBERAL TERMS FOR FOREIGN BUYERS.

WHOLESALE PRICES OF PHOSFERINE.

CASH WITH ORDER.

1/1½ size Phosferine	...	10/2½ per dozen net
2/9 " "	...	25/6 " " "
4/6 " "	...	40/9½ " " "

5 GROSS LOTS (assorted sizes if required) subject to 1½ per cent. Cash Discount.

10 GROSS LOTS (assorted sizes if required) subject to 2½ per cent. Cash Discount.

PROTECTED PRICE.

The selling price of Phosferine is Protected, it must not be retailed in the United Kingdom under the following prices, viz.:—1/1½ size for 1/—, the 2/9 size for 2/6, 4/6 size for 4/—.

Full prices to be obtained when possible.

PHOSFERINE

The Greatest of all Tonics,

Is a good paying line for Chemists—the Retail price is protected, and, as it contains nothing poisonous, it can be sold without restriction.

Being a highly Concentrated Medicine, its storage occupies very little of the valuable space in a Pharmacy.

It is one of the largest advertised medicines in the kingdom, and sells freely.

It can be recommended with the greatest confidence for all Nerve Pains, Nervous Disorders, Rheumatism, Nervous Headache, Dyspepsia, General Debility, &c.

ROYAL COMMANDS.



PHOSFERINE has been supplied by Command of

Members of the British Royal Family,
H.I.M. The Empress of Russia,
H.M. The King of Greece,
H.I.M. The Dowager Empress of Russia,
H.M. The Queen of Roumania,
&c., &c.,

[1]

A recommendation that can be claimed for no other Proprietary Medicine.

ASHTON & PARSONS. LTD.

LA BELLE SAUVAGE LUDGATE HILL, LONDON! E.C.

CAUTION.

To Imitators or Dealers in Imitations of

PHOSFERINE

PERPETUAL INJUNCTION

WITH

DAMAGES AND COSTS,

obtained against Frederick John Fowles for using the word

PHOSFEROQUIN.

In the High Court of Justice,

CHANCERY DIVISION.

Before MR. JUSTICE COZENS-HARDY.

Between ASHTON & PARSONS, LIMITED,

Proprietors of "Phosferine" (Plaintiffs)

AND

FREDERICK JOHN FOWLES (Defendant).

A PERPETUAL INJUNCTION with damages and costs was granted on the 14th December, 1900, restraining the above-named Defendant, his servants and agents from in any manner infringing the Plaintiffs' Registered Trade Mark, 6,530, and from selling or offering or exposing or advertising for sale or procuring to be sold any medical preparation not prepared by the Plaintiffs under the name of "Phosferine" or under any other name which by colourable imitation of the Plaintiffs' word "Phosferine" or otherwise was calculated to represent or lead to the belief that such preparation is "Phosferine" or is a preparation of the Plaintiffs, and from selling or supplying any such preparation as aforesaid in response to orders for "Phosferine" or for a preparation of the Plaintiffs or from otherwise passing off or enabling or assisting others to pass off any such preparation as aforesaid as or for "Phosferine" or a preparation of the Plaintiffs.

All information relating to the infringement or dealers in infringements of "Phosferine" will be confidentially treated, and should be addressed to the proprietors of "Phosferine."

ASHTON & PARSONS, LTD.

LA BELLE SAUVAGE, LUDGATE HILL, LONDON, E.C.

Or to Messrs. J. E. EVANS-JACKSON & CO.,
Patent Agents,

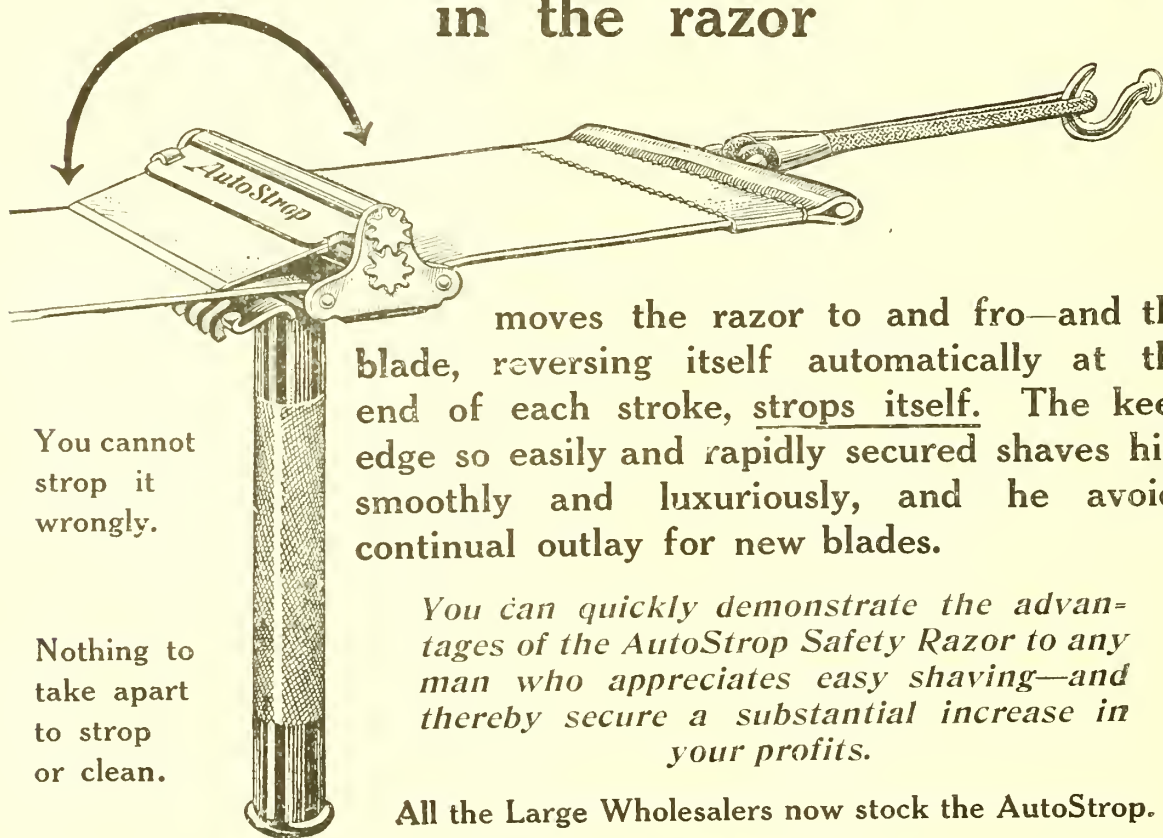
Bristol House, Holborn Viaduct, E.C.

The fact that a safety razor blade soon loses its edge gives no concern to the customer who buys an

AutoStrop

SAFETY RAZOR

from you. He simply inserts the strop in the razor



You cannot strop it wrongly.

Nothing to take apart to strop or clean.

moves the razor to and fro—and the blade, reversing itself automatically at the end of each stroke, strops itself. The keen edge so easily and rapidly secured shaves him smoothly and luxuriously, and he avoids continual outlay for new blades.

You can quickly demonstrate the advantages of the AutoStrop Safety Razor to any man who appreciates easy shaving—and thereby secure a substantial increase in your profits.

All the Large Wholesalers now stock the AutoStrop.

AutoStrop Safety Razor Co. Ltd.

61 New Oxford St., LONDON, W.C.

Also at DUBLIN, PARIS, NEW YORK, and MONTREAL.

PRICES.

Retail	21/- net.
Wholesale (3 doz. lots)	14/- each.
Smaller quantities ...	14/9 ..



IMPORTANT



As Pioneers of Counter Adjuncts bearing Customer's Name and Address, and for many of which we have an assortment of Labels, and they thus become the proprietaries of the individual Chemist, we wish to bring them prominently before the notice of the trade, and shall be pleased to send list to those who have not got one.

EVANS SONS LESCHER & WEBB
LIMITED
LIVERPOOL & LONDON

THE SENSATION OF THE CENTURY!

MASSOLETTES: The . . .

(Registered Trade Mark).

THE LAST WORD IN THE
HEALTH-MILK TREATMENT.

Health-Milk
Bon-bon.

Expert Opinion:

To Messrs. Arthur H. Cox & Co., Ltd., must be attributed the honour of introducing both an efficacious, palatable and convenient form of the bacilli under the name of Massolettes. These are in reality chocolate creams containing a vigorous culture of the bacilli in the cream—one of the most active and desirable forms of presentation, undoubtedly more potent and sure in action than the tablet, and to those who find the curdled milk unpalatable, infinitely preferable. One or two after the morning and evening meal will be found sufficient. These Massolettes are packed in boxes containing 24 bon-bons, and are vended at a cost of 2/6 per box, this price working out more economically than even daily supplies of the milk as supplied by several dairies. There can be no doubt that this firm have actually solved the difficulty of the administration of the bacillus of Massot.



ARTHUR H. COX & CO., Ltd.
BRIGHTON.

CADBURY'S COCOA

A DELICIOUS BEVERAGE AND AN INVALUABLE FOOD.



PATTINSON'S

MAGNESIA,

CARBONATE, CALCINED AND FLUID.

THE WASHINGTON CHEMICAL CO., LIM., WASHINGTON, COUNTY DURHAM, ENGLAND.

London Agents—Messrs. CLIFFORD CHRISTOPHERSON & CO., 21 Mincing Lane, London, E.C.

DICHROIC INK

THE BEST BLACK INK KNOWN.

When this Ink is Used Writing becomes a Pleasure.
MAY BE HAD FROM ALL CHEMISTS AND DRUGGISTS

IN JARS,
6d., 1/- and 2/- each

BEWLEY & DRAPER, LTD.
DUBLIN